

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG No.: BF031424

Instrument ID: BNA_F Calibration Date/Time: 3/14/2024 1:14:02

Lab File ID: BF137589.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	0.652	0.680		4.294	
Pyridine	1.741	1.804		3.619	
2-Fluorophenol	1.321	1.376		4.164	
Benzaldehyde	0.934	0.928		-0.642	
Aniline	2.329	2.312		-0.73	
Phenol-d6	1.906	1.867		-2.046	
Phenol	2.052	2.028		-1.17	20.0
bis(2-Chloroethyl)ether	1.503	1.516		0.865	
2-Chlorophenol	1.393	1.424		2.225	
1,2-Dichlorobenzene	1.398	1.380		-1.288	
1,3-Dichlorobenzene	1.488	1.485		-0.202	
1,4-Dichlorobenzene	1.523	1.506		-1.116	20.0
Benzyl Alcohol	1.187	1.172		-1.264	
2-Methylphenol	1.303	1.284		-1.458	
2,2-oxybis(1-Chloropropane)	2.584	2.334		-9.675	
Acetophenone	0.484	0.478		-1.24	
3+4-Methylphenols	1.493	1.449		-2.947	
n-Nitroso-di-n-propylamine	1.177	1.046	0.050	-11.13	
Nitrobenzene-d5	0.430	0.433		0.698	
Hexachloroethane	0.501	0.517		3.194	
Nitrobenzene	0.432	0.436		0.926	
Isophorone	0.818	0.768		-6.112	
2-Nitrophenol	0.172	0.175		1.744	20.0
2,4-Dimethylphenol	0.321	0.323		0.623	
bis(2-Chloroethoxy)methane	0.480	0.478		-0.417	
2,4-Dichlorophenol	0.294	0.302		2.721	20.0
1,2,4-Trichlorobenzene	0.310	0.315		1.613	
Benzoic acid	0.167	0.125		-25.15	
Naphthalene	1.073	1.065		-0.746	
4-Chloroaniline	0.421	0.424		0.713	
Hexachlorobutadiene	0.183	0.186		1.639	20.0
Caprolactam	0.100	0.098		-2.0	
4-Chloro-3-methylphenol	0.329	0.315		-4.255	20.0
2-Methylnaphthalene	0.684	0.668		-2.339	
Hexachlorocyclopentadiene	0.180	0.195	0.050	8.333	
2,4,6-Trichlorophenol	0.364	0.375		3.022	20.0
2-Fluorobiphenyl	1.278	1.258		-1.565	
2,4,5-Trichlorophenol	0.419	0.425		1.432	
1,1-Biphenyl	1.464	1.485		1.434	
2-Chloronaphthalene	1.116	1.146		2.688	
2-Nitroaniline	0.379	0.392		3.43	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.392	1.359		-2.371	
Acenaphthylene	1.786	1.797		0.616	
2,6-Dinitrotoluene	0.291	0.297		2.062	
3-Nitroaniline	0.308	0.320		3.896	
Acenaphthene	1.066	1.049		-1.595	20.0
2,4-Dinitrophenol	0.111	0.093	0.050	-16.216	
4-Nitrophenol	0.190	0.181	0.050	-4.737	
Dibenzofuran	1.624	1.591		-2.032	
2,4-Dinitrotoluene	0.358	0.369		3.073	
Diethylphthalate	1.315	1.243		-5.475	
4-Chlorophenyl-phenylether	0.611	0.578		-5.401	
Fluorene	1.247	1.187		-4.812	
4-Nitroaniline	0.265	0.247		-6.792	
4,6-Dinitro-2-methylphenol	0.111	0.115		3.604	
n-Nitrosodiphenylamine	0.644	0.659		2.329	20.0
Azobenzene	1.514	1.395		-7.86	
2,4,6-Tribromophenol	0.176	0.175		-0.568	
4-Bromophenyl-phenylether	0.218	0.228		4.587	
Hexachlorobenzene	0.220	0.225		2.273	
Atrazine	0.196	0.199		1.531	
Pentachlorophenol	0.133	0.131		-1.504	20.0
Phenanthrene	1.088	1.086		-0.184	
Anthracene	1.118	1.129		0.984	
Carbazole	0.958	0.971		1.357	
Di-n-butylphthalate	1.139	1.120		-1.668	
Fluoranthene	1.064	1.052		-1.128	20.0
Benzidine	0.489	0.236		-51.738	
Pyrene	1.962	1.712		-12.742	
Terphenyl-d14	1.454	1.236		-14.993	
Butylbenzylphthalate	0.501	0.555		10.778	
3,3-Dichlorobenzidine	0.373	0.434		16.354	
Benzo (a) anthracene	1.402	1.368		-2.425	
Chrysene	1.417	1.397		-1.411	
Bis (2-ethylhexyl) phthalate	0.637	0.751		17.896	
Di-n-octyl phthalate	1.120	1.297		15.804	20.0
Benzo (b) fluoranthene	1.183	1.174		-0.761	
Benzo (k) fluoranthene	1.271	1.239		-2.518	
Benzo (a) pyrene	1.166	1.169		0.257	20.0
Indeno (1,2,3-cd) pyrene	1.316	1.216		-7.599	
Dibenzo (a,h) anthracene	1.068	0.981		-8.146	
Benzo (g,h,i) perylene	1.096	1.017		-7.208	



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Lab File ID: BF137589.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
1,2,4,5-Tetrachlorobenzene	0.558	0.589		5.556	
1,4-Dioxane	0.722	0.733		1.524	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.327		-2.679	
1-Methylnaphthalene	0.644	0.624		-3.106	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BL	SDG No.:	BF031424
Lab Sample ID:	PB159568BL	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
BF137590.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

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
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

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BL	SDG No.:	BF031424
Lab Sample ID:	PB159568BL	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
BF137590.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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)	69.2	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
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

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BL	SDG No.:	BF031424
Lab Sample ID:	PB159568BL	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
BF137590.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	115.513		18-112		77	SPK: -150
13127-88-3	Phenol-d6	107.374		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	75.899		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	79.594		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	118.384		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	67.149		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225387	6.728				
1146-65-2	Naphthalene-d8	874080	8.004				
15067-26-2	Acenaphthene-d10	444676	9.757				
1517-22-2	Phenanthrene-d10	755594	11.239				
1719-03-5	Chrysene-d12	474210	13.874				
1520-96-3	Perylene-d12	413045	15.292				

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BL	SDG No.:	BF031424
Lab Sample ID:	PB159568BL	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
BF137590.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.945	
000111-06-8	Hexadecanoic acid, butyl ester	71.9	J			12.651	
000630-01-3	Hexacosane	68.3	J			14.651	
000629-94-7	Heneicosane	84.6	J			14.968	
000630-02-4	Octacosane	94.9	J			15.739	
1000406-32-4	Dotriacontane, 1-iodo-	92.2	J			16.215	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	110	J			16.362	

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BS	SDG No.:	BF031424
Lab Sample ID:	PB159568BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137591.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1100		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	830		180	270	330	ug/Kg
62-53-3	Aniline	620		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg
105-60-2	Caprolactam	1400		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BS	SDG No.:	BF031424
Lab Sample ID:	PB159568BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137591.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	23700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	2800	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BS	SDG No.:	BF031424
Lab Sample ID:	PB159568BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137591.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	310	J	160	270	330	ug/Kg
129-00-0	Pyrene	1300		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.885		18-112		83	SPK: -150
13127-88-3	Phenol-d6	116.613		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	83.902		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	86.582		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.225		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	74.804		14-112		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210990	6.728				
1146-65-2	Naphthalene-d8	809567	8.01				
15067-26-2	Acenaphthene-d10	419555	9.763				
1517-22-2	Phenanthrene-d10	694285	11.245				
1719-03-5	Chrysene-d12	432380	13.88				
1520-96-3	Perylene-d12	408577	15.298				



Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159568BS	SDG No.:	BF031424
Lab Sample ID:	PB159568BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137591.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159568

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159559TB	SDG No.:	BF031424
Lab Sample ID:	PB159559TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137592.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159559TB	SDG No.:	BF031424
Lab Sample ID:	PB159559TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137592.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159559TB	SDG No.:	BF031424
Lab Sample ID:	PB159559TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137592.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.016		10-139		83	SPK: -150
13127-88-3	Phenol-d6	116.168		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	80.489		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	82.918		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.479		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	70.033		36-145		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197507	6.722				
1146-65-2	Naphthalene-d8	772677	8.004				
15067-26-2	Acenaphthene-d10	407935	9.757				
1517-22-2	Phenanthrene-d10	662025	11.239				
1719-03-5	Chrysene-d12	414696	13.874				
1520-96-3	Perylene-d12	355084	15.292				



Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	PB159559TB	SDG No.:	BF031424
Lab Sample ID:	PB159559TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137592.D	1	3/13/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BS	SDG No.:	BF031424
Lab Sample ID:	PB159584BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137593.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1100		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	840		180	270	330	ug/Kg
62-53-3	Aniline	620		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BS	SDG No.:	BF031424
Lab Sample ID:	PB159584BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137593.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	970		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	23800		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		85	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	2900	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1400		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BS	SDG No.:	BF031424
Lab Sample ID:	PB159584BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137593.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	540		160	270	330	ug/Kg
129-00-0	Pyrene	1300		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.363		18-112		84	SPK: -150
13127-88-3	Phenol-d6	117.281		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	84.672		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.518		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.56		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	77.376		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212526	6.728				
1146-65-2	Naphthalene-d8	816653	8.01				
15067-26-2	Acenaphthene-d10	421172	9.763				
1517-22-2	Phenanthrene-d10	695843	11.245				
1719-03-5	Chrysene-d12	410966	13.88				
1520-96-3	Perylene-d12	394541	15.298				



Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BS	SDG No.:	BF031424
Lab Sample ID:	PB159584BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137593.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BL	SDG No.:	BF031424
Lab Sample ID:	PB159584BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137594.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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
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

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BL	SDG No.:	BF031424
Lab Sample ID:	PB159584BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137594.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	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)	69.2	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
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

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BL	SDG No.:	BF031424
Lab Sample ID:	PB159584BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137594.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.079		18-112		77	SPK: -150
13127-88-3	Phenol-d6	107.596		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	76.418		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	79.647		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	120.747		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	66.634		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223746	6.722				
1146-65-2	Naphthalene-d8	870138	8.004				
15067-26-2	Acenaphthene-d10	448656	9.757				
1517-22-2	Phenanthrene-d10	760551	11.239				
1719-03-5	Chrysene-d12	493558	13.874				
1520-96-3	Perylene-d12	427060	15.298				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159584BL	SDG No.:	BF031424
Lab Sample ID:	PB159584BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137594.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.951	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	71.6	J			12.651	
000630-02-4	Octacosane	73	J			14.968	
000112-95-8	Eicosane	110	J			15.745	
000629-93-6	Octadecane, 1-iodo-	100	J			16.215	
000638-68-6	Triacontane	74.6	J			16.774	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137595.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137595.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	81.5	U	81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137595.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.488		18-112		62	SPK: -150
13127-88-3	Phenol-d6	86.765		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	56.828		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	61.493		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.514		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	53.336		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133462	6.728				
1146-65-2	Naphthalene-d8	528915	8.004				
15067-26-2	Acenaphthene-d10	291621	9.757				
1517-22-2	Phenanthrene-d10	516712	11.239				
1719-03-5	Chrysene-d12	329405	13.874				
1520-96-3	Perylene-d12	276385	15.292				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	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
BF137595.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	320	J			9.204	
000057-10-3	n-Hexadecanoic acid	180	J			11.78	
000057-11-4	Octadecanoic acid	110	J			12.557	
000593-49-7	Heptacosane	71.5	J			13.057	
1000351-89-1	Octatriacontyl pentafluoropropiona	160	J			13.733	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-4.0	SDG No.:	BF031424
Lab Sample ID:	P1746-12	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
BF137596.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-4.0	SDG No.:	BF031424
Lab Sample ID:	P1746-12	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
BF137596.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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)	69.2	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
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	90.9	J	81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-4.0	SDG No.:	BF031424
Lab Sample ID:	P1746-12	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
BF137596.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	80.459		18-112		54	SPK: -150
13127-88-3	Phenol-d6	75.335		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	51.584		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	48.123		20-109		48	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.658		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	43.018		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132427	6.728				
1146-65-2	Naphthalene-d8	515443	8.004				
15067-26-2	Acenaphthene-d10	287113	9.757				
1517-22-2	Phenanthrene-d10	490057	11.239				
1719-03-5	Chrysene-d12	308439	13.874				
1520-96-3	Perylene-d12	279327	15.292				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-4.0	SDG No.:	BF031424
Lab Sample ID:	P1746-12	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
BF137596.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000198-55-0	Perylene	88.6	J			14.892	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137597.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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	96.7	U	96.7	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)	90.7	U	90.7	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	40.2	U	40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	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
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137597.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	94.8	U	94.8	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	1323.4	U	1323.4	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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	91.2	U	91.2	130	170	ug/Kg
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137597.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	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	90.8	U	90.8	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	92.8	U	92.8	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	103.293		18-112		69	SPK: -150
13127-88-3	Phenol-d6	96.979		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	64.144		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	65.211		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.396		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	55.237		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142956	6.728				
1146-65-2	Naphthalene-d8	567873	8.004				
15067-26-2	Acenaphthene-d10	309716	9.757				
1517-22-2	Phenanthrene-d10	538363	11.239				
1719-03-5	Chrysene-d12	352138	13.874				
1520-96-3	Perylene-d12	309037	15.292				



Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-4.0-6.0	SDG No.:	BF031424
Lab Sample ID:	P1746-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137597.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	3.075	73.2	J		3.075	
	unknown	9.863	810	J		9.863	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100		J		13.733	

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	RT-3488	SDG No.:	BF031424
Lab Sample ID:	P1744-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137598.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.5	U	61.5	190	230	ug/Kg
110-86-1	Pyridine	56.6	U	56.6	92.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.7	U	68.7	92.2	120	ug/Kg
108-95-2	Phenol	58.8	U	58.8	92.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.3	U	59.3	92.2	120	ug/Kg
95-57-8	2-Chlorophenol	59.2	U	59.2	92.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60	U	60	92.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61	U	61	92.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.3	U	61.3	92.2	120	ug/Kg
100-51-6	Benzyl Alcohol	58.8	U	58.8	190	230	ug/Kg
95-48-7	2-Methylphenol	57.1	U	57.1	92.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.4	U	64.4	92.2	120	ug/Kg
98-86-2	Acetophenone	61.6	U	61.6	92.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.6	U	56.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.6	U	28.6	56.7	56.7	ug/Kg
67-72-1	Hexachloroethane	58.8	U	58.8	92.2	120	ug/Kg
98-95-3	Nitrobenzene	64.4	U	64.4	92.2	120	ug/Kg
78-59-1	Isophorone	60	U	60	92.2	120	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	92.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.1	U	66.1	92.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.8	U	60.8	92.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.5	U	53.5	92.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.5	U	60.5	92.2	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58.6	U	58.6	92.2	120	ug/Kg
106-47-8	4-Chloroaniline	58.6	U	58.6	92.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.1	U	59.1	92.2	120	ug/Kg
105-60-2	Caprolactam	61.5	U	61.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.9	U	54.9	92.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.5	U	58.5	92.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	RT-3488	SDG No.:	BF031424
Lab Sample ID:	P1744-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137598.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.6	U	50.6	92.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.5	U	52.5	92.2	120	ug/Kg
92-52-4	1,1-Biphenyl	62	U	62	92.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.1	U	59.1	92.2	120	ug/Kg
88-74-4	2-Nitroaniline	67.3	U	67.3	92.2	120	ug/Kg
131-11-3	Dimethylphthalate	57.9	U	57.9	92.2	120	ug/Kg
208-96-8	Acenaphthylene	61.3	U	61.3	92.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	92.2	120	ug/Kg
99-09-2	3-Nitroaniline	63.2	U	63.2	92.2	120	ug/Kg
83-32-9	Acenaphthene	57.5	U	57.5	92.2	120	ug/Kg
Total PAH	Total PAH	1073.8	U	939.4	92.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	82.2	U	82.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.8	U	59.8	92.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20.1	U	120.1	92.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.1	U	61.1	92.2	120	ug/Kg
84-66-2	Diethylphthalate	56.8	U	56.8	92.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.7	U	60.7	92.2	120	ug/Kg
86-73-7	Fluorene	60.6	U	60.6	92.2	120	ug/Kg
100-01-6	4-Nitroaniline	75.9	U	75.9	92.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.9	U	82.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.8	U	57.8	92.2	120	ug/Kg
103-33-3	Azobenzene	56.4	U	56.4	92.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.9	U	55.9	92.2	120	ug/Kg
118-74-1	Hexachlorobenzene	60.3	U	60.3	92.2	120	ug/Kg
1912-24-9	Atrazine	64.8	U	64.8	92.2	120	ug/Kg
87-86-5	Pentachlorophenol	76.3	J	54.8	190	230	ug/Kg
85-01-8	Phenanthrene	150		59.5	92.2	120	ug/Kg
120-12-7	Anthracene	59.8	U	59.8	92.2	120	ug/Kg
86-74-8	Carbazole	56.9	U	56.9	92.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.8	U	59.8	92.2	120	ug/Kg
206-44-0	Fluoranthene	200		57.9	92.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	RT-3488	SDG No.:	BF031424
Lab Sample ID:	P1744-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137598.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	190	230	ug/Kg
129-00-0	Pyrene	170		58.8	92.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.6	U	68.6	92.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.9	U	69.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	91.9	J	57.2	92.2	120	ug/Kg
218-01-9	Chrysene	92.6	J	56.4	92.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.5	U	64.5	92.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78	U	78	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	140		57.5	92.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.6	U	58.6	92.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	95.6	J	65.9	92.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58.8	J	55.4	92.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.6	U	57.6	92.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74.9	J	56.8	92.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.5	U	61.5	92.2	120	ug/Kg
123-91-1	1,4-Dioxane	78	U	78	92.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	92.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	59	U	59	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.515		18-112		45	SPK: -150
13127-88-3	Phenol-d6	85.985		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	49.43		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	77.25		20-109		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	121.858		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	67.234		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141536	6.728				
1146-65-2	Naphthalene-d8	550723	8.004				
15067-26-2	Acenaphthene-d10	300636	9.757				
1517-22-2	Phenanthrene-d10	486724	11.239				
1719-03-5	Chrysene-d12	304843	13.874				
1520-96-3	Perylene-d12	351629	15.292				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	RT-3488	SDG No.:	BF031424
Lab Sample ID:	P1744-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137598.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			11.775	
000203-64-5	4H-Cyclopenta[def]phenanthrene	52.9	J			11.851	
003353-12-6	Pyrene, 4-methyl-	47.5	J			13.204	
074685-33-9	3-Eicosene, (E)-	110	J			13.739	
002004-39-9	1-Heptacosanol	62.4	J			14.38	
062235-06-7	(3E,7E)-4,8,12-Trimethyltrideca-1,	58.8	J			14.716	
000198-55-0	Perylene	85.5	J			15.174	
003268-87-9	Octachlorodibenzo-p-dioxin	56	J			16.268	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-7.0-9.5	SDG No.:	BF031424
Lab Sample ID:	P1746-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137599.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-7.0-9.5	SDG No.:	BF031424
Lab Sample ID:	P1746-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137599.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	140	J	81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-7.0-9.5	SDG No.:	BF031424
Lab Sample ID:	P1746-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137599.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	100	J	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	95.3	J	80.5	130	170	ug/Kg
218-01-9	Chrysene	91.9	J	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.713		18-112		75	SPK: -150
13127-88-3	Phenol-d6	104.316		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	74.359		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	78.373		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	104.252		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	60.245		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141943	6.728				
1146-65-2	Naphthalene-d8	544997	8.004				
15067-26-2	Acenaphthene-d10	292934	9.757				
1517-22-2	Phenanthrene-d10	457059	11.239				
1719-03-5	Chrysene-d12	312628	13.874				
1520-96-3	Perylene-d12	360295	15.292				

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-7.0-9.5	SDG No.:	BF031424
Lab Sample ID:	P1746-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137599.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			11.775	
002425-77-6	1-Decanol, 2-hexyl-	170	J			13.727	
007390-81-0	Oxirane, hexadecyl-	100	J			14.786	
000629-92-5	Nonadecane	110	J			14.968	
1000406-29-4	Eicosyl methyl ether	110	J			15.009	
000192-97-2	Benzo[e]pyrene	81.1	J			15.174	
000629-94-7	Heneicosane	120	J			15.739	
014811-95-1	1,19-Eicosadiene	110	J			16.492	
000191-26-4	Dibenzo[def,mno]chrysene	86.8	J			16.68	
1000188-72-8	2,2,6-Trimethyl-1-(2-methyl-cyclob	110	J			17.239	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-02-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137600.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-02-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137600.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	94.6	J	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	200		81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-02-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137600.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	120	J	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	80.5	130	170	ug/Kg
218-01-9	Chrysene	110	J	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.119		18-112		73	SPK: -150
13127-88-3	Phenol-d6	100.308		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	72.246		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	76.062		20-109		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	97.816		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	46.323		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137227	6.728				
1146-65-2	Naphthalene-d8	506375	8.004				
15067-26-2	Acenaphthene-d10	258931	9.757				
1517-22-2	Phenanthrene-d10	390684	11.239				
1719-03-5	Chrysene-d12	343222	13.874				
1520-96-3	Perylene-d12	385990	15.292				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-02-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137600.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	89.8	J			3.069	
000057-10-3	n-Hexadecanoic acid	220	J			11.775	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			13.727	
000192-97-2	Benzo[e]pyrene	110	J			15.174	
000560-32-7	1H-3a,7-Methanoazulene, 2,3,6,7,8,	81.8	J			16.833	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137601.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.5	U	86.5	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.4	U	83.4	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.3	U	84.3	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.7	U	85.7	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.2	U	86.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.6	U	90.6	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.5	U	90.5	130	170	ug/Kg
78-59-1	Isophorone	84.3	U	84.3	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	92.9	U	92.9	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.5	U	85.5	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.1	U	85.1	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.5	U	86.5	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137601.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.1	U	87.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.2	U	86.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	88.9	U	88.9	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	3040	U	1321.4	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	84.1	U	84.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	68.9	U	168.9	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	85.9	U	85.9	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.3	U	85.3	130	170	ug/Kg
86-73-7	Fluorene	85.2	U	85.2	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.7	U	84.7	130	170	ug/Kg
1912-24-9	Atrazine	91.1	U	91.1	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	220		83.7	130	170	ug/Kg
120-12-7	Anthracene	84.1	U	84.1	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	130	170	ug/Kg
206-44-0	Fluoranthene	630		81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137601.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	360		82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	310		80.5	130	170	ug/Kg
218-01-9	Chrysene	310		79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.7	U	90.7	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	440		80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170		82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	310		92.7	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.5	U	86.5	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.831		18-112		53	SPK: -150
13127-88-3	Phenol-d6	73.426		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	50.69		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	54.166		20-109		54	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.756		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	32.909		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134775	6.728				
1146-65-2	Naphthalene-d8	510426	8.004				
15067-26-2	Acenaphthene-d10	256541	9.757				
1517-22-2	Phenanthrene-d10	405000	11.239				
1719-03-5	Chrysene-d12	342705	13.874				
1520-96-3	Perylene-d12	373013	15.292				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137601.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000593-08-8	2-Tridecanone	81.8	J			9.681	
000832-71-3	Phenanthrene, 3-methyl-	70.8	J			11.739	
000057-10-3	n-Hexadecanoic acid	210	J			11.775	
000203-64-5	4H-Cyclopenta[def]phenanthrene	78.1	J			11.851	
1000376-20-8	unknown11.880	99.4	J			11.88	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			13.727	
000192-97-2	Benzo[e]pyrene	270	J			15.174	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-2.0-3.0	SDG No.:	BF031424
Lab Sample ID:	P1746-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137602.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-2.0-3.0	SDG No.:	BF031424
Lab Sample ID:	P1746-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137602.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	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	3120	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	220		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	670		81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-2.0-3.0	SDG No.:	BF031424
Lab Sample ID:	P1746-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137602.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	360		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	310		80.6	130	170	ug/Kg
218-01-9	Chrysene	320		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	500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	320		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	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	150	J	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.627		18-112		74	SPK: -150
13127-88-3	Phenol-d6	99.735		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	72.969		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	75.79		20-109		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	103.651		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	45.795		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123704	6.728				
1146-65-2	Naphthalene-d8	453257	8.004				
15067-26-2	Acenaphthene-d10	225987	9.757				
1517-22-2	Phenanthrene-d10	362492	11.239				
1719-03-5	Chrysene-d12	340276	13.874				
1520-96-3	Perylene-d12	368031	15.298				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-03-2.0-3.0	SDG No.:	BF031424
Lab Sample ID:	P1746-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137602.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			11.775	
000203-64-5	4H-Cyclopenta[def]phenanthrene	84.6	J			11.851	
000479-79-8	11H-Benzo[a]fluoren-11-one	98.9	J			13.727	
000192-97-2	Benzo[e]pyrene	130	J			14.998	
000198-55-0	Perylene	280	J			15.18	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137603.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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	40.2	U	40.2	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
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137603.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	1340	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)	69.2	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
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	120	J	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	320		81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137603.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	190		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	160	J	80.6	130	170	ug/Kg
218-01-9	Chrysene	150	J	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	240		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	160	J	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	97.378		18-112		65	SPK: -150
13127-88-3	Phenol-d6	90.003		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.36		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.779		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.039		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	35.215		14-112		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126793	6.728				
1146-65-2	Naphthalene-d8	469527	8.004				
15067-26-2	Acenaphthene-d10	240717	9.757				
1517-22-2	Phenanthrene-d10	370233	11.239				
1719-03-5	Chrysene-d12	323246	13.874				
1520-96-3	Perylene-d12	341209	15.292				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-04-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137603.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			11.775	
000930-02-9	Octadecane, 1-(ethenyloxy)-	110	J			13.727	
000192-97-2	Benzo[e]pyrene	130	J			15.174	
000057-88-5	Cholesterol	210	J			16.127	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137604.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137604.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	3150	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	220		84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	660		81.7	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137604.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	370		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	330		80.7	130	170	ug/Kg
218-01-9	Chrysene	330		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	320		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.906		18-112		75	SPK: -150
13127-88-3	Phenol-d6	103.68		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	73.576		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	75.222		20-109		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.193		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	46.181		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121956	6.728				
1146-65-2	Naphthalene-d8	457638	8.004				
15067-26-2	Acenaphthene-d10	230551	9.757				
1517-22-2	Phenanthrene-d10	357828	11.239				
1719-03-5	Chrysene-d12	312194	13.874				
1520-96-3	Perylene-d12	331750	15.298				



Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137604.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000613-12-7	Anthracene, 2-methyl-	110	J			11.775	
000203-64-5	4H-Cyclopenta[def]phenanthrene	83.6	J			11.851	
000479-79-8	11H-Benzo[a]fluoren-11-one	82	J			13.727	
007683-64-9	Supraene	66.6	J			14.721	
000192-97-2	Benzo[e]pyrene	83.3	J			14.992	
000205-82-3	Benzo[j]fluoranthene	280	J			15.174	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0-DUP	SDG No.:	BF031424
Lab Sample ID:	P1746-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137605.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0-DUP	SDG No.:	BF031424
Lab Sample ID:	P1746-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137605.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	160	J	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	6301.3	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	380		83.8	130	170	ug/Kg
120-12-7	Anthracene	96.9	J	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	1100		81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0-DUP	SDG No.:	BF031424
Lab Sample ID:	P1746-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137605.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	680		82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	650		80.5	130	170	ug/Kg
218-01-9	Chrysene	680		79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	630		92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.4	J	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.112		18-112		70	SPK: -150
13127-88-3	Phenol-d6	97.4		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	69.568		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	72.802		20-109		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	92.973		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	45.858		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127793	6.728				
1146-65-2	Naphthalene-d8	471558	8.004				
15067-26-2	Acenaphthene-d10	241864	9.757				
1517-22-2	Phenanthrene-d10	373516	11.239				
1719-03-5	Chrysene-d12	319549	13.874				
1520-96-3	Perylene-d12	319874	15.298				

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-0-2.0-DUP	SDG No.:	BF031424
Lab Sample ID:	P1746-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137605.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	730	J			9.204	
000613-12-7	Anthracene, 2-methyl-	110	J			11.739	
000610-48-0	Anthracene, 1-methyl-	240	J			11.769	
002531-84-2	Phenanthrene, 2-methyl-	77.8	J			11.816	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			11.851	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	97.7	J			11.874	
000612-94-2	Naphthalene, 2-phenyl-	71.1	J			12.039	
000084-65-1	9,10-Anthracenedione	69.5	J			12.063	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			12.286	
	unknown12.327	95.7	J			12.327	
005737-13-3	Cyclopenta(def)phenanthrenone	100	J			12.374	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	110	J			12.545	
002381-21-7	Pyrene, 1-methyl-	68.2	J			12.898	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	75.8	J			13.621	
000082-05-3	7H-Benz[de]anthracen-7-one	90.8	J			13.727	
1000401-43-5	2-propenamide, 2-methyl-N-[4-(met	97.4	J			14.721	
	unknown14.792	79.5	J			14.792	
000192-97-2	Benzo[e]pyrene	190	J			14.992	
000198-55-0	Perylene	550	J			15.18	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-2.0-4.5	SDG No.:	BF031424
Lab Sample ID:	P1746-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137606.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

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	40.2	U	40.2	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
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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-2.0-4.5	SDG No.:	BF031424
Lab Sample ID:	P1746-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137606.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	3400	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	250		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	700		81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-2.0-4.5	SDG No.:	BF031424
Lab Sample ID:	P1746-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137606.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	410		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	350		80.6	130	170	ug/Kg
218-01-9	Chrysene	350		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	550		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	340		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	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	160	J	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	82.535		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.034		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	53.779		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	56.688		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.933		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	34.736		14-112		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130811	6.728				
1146-65-2	Naphthalene-d8	489571	8.004				
15067-26-2	Acenaphthene-d10	255069	9.757				
1517-22-2	Phenanthrene-d10	411996	11.239				
1719-03-5	Chrysene-d12	344805	13.874				
1520-96-3	Perylene-d12	333659	15.298				

**Report of Analysis**

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-05-2.0-4.5	SDG No.:	BF031424
Lab Sample ID:	P1746-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137606.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000832-71-3	Phenanthrene, 3-methyl-	170	J			11.775	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			11.851	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			13.727	
056882-09-8	4,9,13,17-Tetramethyl-4,8,12,16-oc	180	J			14.721	
000192-97-2	Benzo[e]pyrene	81.9	J			14.992	
000205-82-3	Benzo[j]fluoranthene	300	J			15.174	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-06-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137607.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-06-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137607.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	100	J	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	280		81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-06-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137607.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	160	J	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	80.5	130	170	ug/Kg
218-01-9	Chrysene	130	J	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	J	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.252		18-112		53	SPK: -150
13127-88-3	Phenol-d6	71.138		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	50.219		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	55.868		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	67.151		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	31.128		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128313	6.728				
1146-65-2	Naphthalene-d8	472241	8.004				
15067-26-2	Acenaphthene-d10	232231	9.757				
1517-22-2	Phenanthrene-d10	353336	11.239				
1719-03-5	Chrysene-d12	328390	13.874				
1520-96-3	Perylene-d12	300694	15.298				



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Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	SB-06-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	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
BF137607.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			11.774	
000295-65-8	Cyclohexadecane	100	J			13.727	
007683-64-9	Supraene	140	J			14.721	
000198-55-0	Perylene	110	J			15.174	

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1 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
BF137608.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.5	U	86.5	270	330	ug/Kg
110-86-1	Pyridine	79.6	U	79.6	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.6	U	82.6	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.4	U	83.4	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.2	U	83.2	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.3	U	84.3	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.7	U	85.7	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.2	U	86.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.7	U	82.7	270	330	ug/Kg
95-48-7	2-Methylphenol	80.3	U	80.3	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.6	U	90.6	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.5	U	79.5	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.7	79.7	ug/Kg
67-72-1	Hexachloroethane	82.7	U	82.7	130	170	ug/Kg
98-95-3	Nitrobenzene	90.5	U	90.5	130	170	ug/Kg
78-59-1	Isophorone	84.3	U	84.3	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	92.9	U	92.9	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.5	U	85.5	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.2	U	75.2	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.1	U	85.1	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.3	U	82.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.3	U	82.3	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	130	170	ug/Kg
105-60-2	Caprolactam	86.5	U	86.5	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.2	U	77.2	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.2	U	82.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1 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
BF137608.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.1	U	87.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.4	U	81.4	130	170	ug/Kg
208-96-8	Acenaphthylene	86.2	U	86.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	82.9	U	82.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	88.9	U	88.9	130	170	ug/Kg
83-32-9	Acenaphthene	80.8	U	80.8	130	170	ug/Kg
Total PAH	Total PAH	1757.1	U	1320.3	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	84.1	U	84.1	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	85.9	U	85.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	68.8	U	168.8	130	340	ug/Kg
84-66-2	Diethylphthalate	79.8	U	79.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.3	U	85.3	130	170	ug/Kg
86-73-7	Fluorene	85.2	U	85.2	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	81.3	U	81.3	130	170	ug/Kg
103-33-3	Azobenzene	79.3	U	79.3	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.6	U	78.6	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.7	U	84.7	130	170	ug/Kg
1912-24-9	Atrazine	91.1	U	91.1	130	170	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	270	330	ug/Kg
85-01-8	Phenanthrene	110	J	83.7	130	170	ug/Kg
120-12-7	Anthracene	84.1	U	84.1	130	170	ug/Kg
86-74-8	Carbazole	80	U	80	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	130	170	ug/Kg
206-44-0	Fluoranthene	310		81.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137608.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	170		82.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	180		80.4	130	170	ug/Kg
218-01-9	Chrysene	160	J	79.2	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.7	U	90.7	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		80.8	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.6	J	82.3	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	210		92.7	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.5	J	77.8	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80.9	U	80.9	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	79.8	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.5	U	86.5	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	82.9	U	82.9	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.087		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.165		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	58.297		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	62.347		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.274		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	38.6		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125213	6.728				
1146-65-2	Naphthalene-d8	440212	8.004				
15067-26-2	Acenaphthene-d10	220994	9.757				
1517-22-2	Phenanthrene-d10	381393	11.239				
1719-03-5	Chrysene-d12	369283	13.874				
1520-96-3	Perylene-d12	311151	15.298				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SB-01-0-2.0	SDG No.:	BF031424
Lab Sample ID:	P1746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137608.D	1	3/14/2024 12:00:00 AM	3/14/2024 12:00:00 AM	PB159584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			11.775	
016980-85-1	Pentacos-1-ene	110	J			13.727	
1000108-92-4	Farnesol isomer a	89	J			14.721	
000192-97-2	Benzo[e]pyrene	170	J			15.18	

Hit Summary Sheet

SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : RT-3488								
P1744-01	RT-3488	Solid	(3E,7E)-4,8,12-Trimethyltrideca-1 *	58.800	J			
P1744-01	RT-3488	Solid	1-Heptacosanol *	62.400	J			
P1744-01	RT-3488	Solid	3-Eicosene, (E)- *	110.000	J			
P1744-01	RT-3488	Solid	4H-Cyclopenta[def]phenanthrene *	52.900	J			
P1744-01	RT-3488	Solid	n-Hexadecanoic acid *	120.000	J			
P1744-01	RT-3488	Solid	Octachlorodibenzo-p-dioxin *	56.000	J			
P1744-01	RT-3488	Solid	Perylene *	85.500	J			
P1744-01	RT-3488	Solid	Pyrene, 4-methyl- *	47.500	J			
Total Tics :				593.10				
P1744-01	RT-3488	Solid	Benzo(a)anthracene	91.900	J	57.2	120	ug/Kg
P1744-01	RT-3488	Solid	Benzo(a)pyrene	95.600	J	65.9	120	ug/Kg
P1744-01	RT-3488	Solid	Benzo(b)fluoranthene	140.000		57.5	120	ug/Kg
P1744-01	RT-3488	Solid	Benzo(g,h,i)perylene	74.900	J	56.8	120	ug/Kg
P1744-01	RT-3488	Solid	Chrysene	92.600	J	56.4	120	ug/Kg
P1744-01	RT-3488	Solid	Fluoranthene	200.000		57.9	120	ug/Kg
P1744-01	RT-3488	Solid	Indeno(1,2,3-cd)pyrene	58.800	J	55.4	120	ug/Kg
P1744-01	RT-3488	Solid	Pentachlorophenol	76.300	J	54.8	230	ug/Kg
P1744-01	RT-3488	Solid	Phenanthrene	150.000		59.5	120	ug/Kg
P1744-01	RT-3488	Solid	Pyrene	170.000		58.8	120	ug/Kg
Total Svoc :				1,150.10				
Total Concentration:				1,743.20				
Client ID : SB-01-0-2.0								
P1746-01	SB-01-0-2.0	Solid	Benzo[e]pyrene *	170.000	J			
P1746-01	SB-01-0-2.0	Solid	Farnesol isomer a *	89.000	J			
P1746-01	SB-01-0-2.0	Solid	n-Hexadecanoic acid *	130.000	J			
P1746-01	SB-01-0-2.0	Solid	Pentacos-1-ene *	110.000	J			
Total Tics :				499.00				
P1746-01	SB-01-0-2.0	Solid	Benzo(a)anthracene	180.000		80.4	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Benzo(a)pyrene	210.000		92.7	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Benzo(b)fluoranthene	310.000		80.8	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Benzo(g,h,i)perylene	120.000	J	79.8	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Benzo(k)fluoranthene	90.600	J	82.3	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Chrysene	160.000	J	79.2	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Fluoranthene	310.000		81.4	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Indeno(1,2,3-cd)pyrene	96.500	J	77.8	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Phenanthrene	110.000	J	83.7	170	ug/Kg
P1746-01	SB-01-0-2.0	Solid	Pyrene	170.000		82.7	170	ug/Kg
Total Svoc :				1,757.10				

Hit Summary Sheet SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,256.10				
Client ID : SB-01-4.0-6.0								
P1746-02	SB-01-4.0-6.0	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-d	*	320.000	J		
P1746-02	SB-01-4.0-6.0	Solid	Heptacosane	*	71.500	J		
P1746-02	SB-01-4.0-6.0	Solid	n-Hexadecanoic acid	*	180.000	J		
P1746-02	SB-01-4.0-6.0	Solid	Octadecanoic acid	*	110.000	J		
P1746-02	SB-01-4.0-6.0	Solid	Octatriacontyl pentafluoropropion	*	160.000	J		
Total Tics :				841.50				
Total Concentration:				841.50				
Client ID : SB-01-7.0-9.5								
P1746-04	SB-01-7.0-9.5	Solid	1,19-Eicosadiene	*	110.000	J		
P1746-04	SB-01-7.0-9.5	Solid	1-Decanol, 2-hexyl-	*	170.000	J		
P1746-04	SB-01-7.0-9.5	Solid	2,2,6-Trimethyl-1-(2-methyl-cyclo	*	110.000	J		
P1746-04	SB-01-7.0-9.5	Solid	Benzo[e]pyrene	*	81.100	J		
P1746-04	SB-01-7.0-9.5	Solid	Dibenzo[def,mno]chrysene	*	86.800	J		
P1746-04	SB-01-7.0-9.5	Solid	Eicosyl methyl ether	*	110.000	J		
P1746-04	SB-01-7.0-9.5	Solid	Heneicosane	*	120.000	J		
P1746-04	SB-01-7.0-9.5	Solid	n-Hexadecanoic acid	*	130.000	J		
P1746-04	SB-01-7.0-9.5	Solid	Nonadecane	*	110.000	J		
P1746-04	SB-01-7.0-9.5	Solid	Oxirane, hexadecyl-	*	100.000	J		
Total Tics :				1,127.90				
P1746-04	SB-01-7.0-9.5	Solid	Benzo(a)anthracene		95.300	J	80.5	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Benzo(a)pyrene		100.000	J	92.8	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Benzo(b)fluoranthene		150.000	J	80.9	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Bis(2-ethylhexyl)phthalate		100.000	J	90.8	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Chrysene		91.900	J	79.3	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Fluoranthene		140.000	J	81.5	170 ug/Kg
P1746-04	SB-01-7.0-9.5	Solid	Pyrene		100.000	J	82.8	170 ug/Kg
Total Svoc :				777.20				
Total Concentration:				1,905.10				
Client ID : SB-02-0-2.0								
P1746-06	SB-02-0-2.0	Solid	(S)-(+)-1,2-Propanediol	*	89.800	J		
P1746-06	SB-02-0-2.0	Solid	1H-3a,7-Methanoazulene, 2,3,6,7,	*	81.800	J		
P1746-06	SB-02-0-2.0	Solid	Benzo[e]pyrene	*	110.000	J		
P1746-06	SB-02-0-2.0	Solid	n-Hexadecanoic acid	*	220.000	J		
P1746-06	SB-02-0-2.0	Solid	Pentadecafluorooctanoic acid, oct	*	130.000	J		
Total Tics :				631.60				
P1746-06	SB-02-0-2.0	Solid	Benzo(a)anthracene		130.000	J	80.5	170 ug/Kg
P1746-06	SB-02-0-2.0	Solid	Benzo(a)pyrene		130.000	J	92.8	170 ug/Kg
P1746-06	SB-02-0-2.0	Solid	Benzo(b)fluoranthene		180.000		80.9	170 ug/Kg
P1746-06	SB-02-0-2.0	Solid	Chrysene		110.000	J	79.3	170 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1746-06	SB-02-0-2.0	Solid	Fluoranthene	200.000		81.5	170	ug/Kg
P1746-06	SB-02-0-2.0	Solid	Phenanthrene	94.600	J	83.8	170	ug/Kg
P1746-06	SB-02-0-2.0	Solid	Pyrene	120.000	J	82.8	170	ug/Kg
Total Svoc :				964.60				
Total Concentration:				1,596.20				
Client ID : SB-03-0-2.0								
P1746-08	SB-03-0-2.0	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P1746-08	SB-03-0-2.0	Solid	2-Tridecanone	*	81.800	J		
P1746-08	SB-03-0-2.0	Solid	4H-Cyclopenta[def]phenanthrene	*	78.100	J		
P1746-08	SB-03-0-2.0	Solid	Benzo[e]pyrene	*	270.000	J		
P1746-08	SB-03-0-2.0	Solid	n-Hexadecanoic acid	*	210.000	J		
P1746-08	SB-03-0-2.0	Solid	Phenanthrene, 3-methyl-	*	70.800	J		
P1746-08	SB-03-0-2.0	Solid	unknown11.880	*	99.400	J		
Total Tics :				920.10				
P1746-08	SB-03-0-2.0	Solid	Benzo(a)anthracene		310.000	80.5	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Benzo(a)pyrene		310.000	92.7	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Benzo(b)fluoranthene		440.000	80.9	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Benzo(g,h,i)perylene		150.000	J 79.9	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Benzo(k)fluoranthene		170.000	82.4	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Chrysene		310.000	79.3	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Fluoranthene		630.000	81.5	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 77.9	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Phenanthrene		220.000	83.7	170	ug/Kg
P1746-08	SB-03-0-2.0	Solid	Pyrene		360.000	82.8	170	ug/Kg
Total Svoc :				3,040.00				
Total Concentration:				3,960.10				
Client ID : SB-03-2.0-3.0								
P1746-09	SB-03-2.0-3.0	Solid	11H-Benzo[a]fluoren-11-one	*	98.900	J		
P1746-09	SB-03-2.0-3.0	Solid	4H-Cyclopenta[def]phenanthrene	*	84.600	J		
P1746-09	SB-03-2.0-3.0	Solid	Benzo[e]pyrene	*	130.000	J		
P1746-09	SB-03-2.0-3.0	Solid	n-Hexadecanoic acid	*	170.000	J		
P1746-09	SB-03-2.0-3.0	Solid	Perylene	*	280.000	J		
Total Tics :				763.50				
P1746-09	SB-03-2.0-3.0	Solid	Benzo(a)anthracene		310.000	80.6	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Benzo(a)pyrene		320.000	92.9	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Benzo(b)fluoranthene		500.000	81	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Benzo(g,h,i)perylene		150.000	J 80	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Benzo(k)fluoranthene		130.000	J 82.5	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Chrysene		320.000	79.4	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Fluoranthene		670.000	81.6	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 78	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1746-09	SB-03-2.0-3.0	Solid	Phenanthrene	220.000		83.9	170	ug/Kg
P1746-09	SB-03-2.0-3.0	Solid	Pyrene	360.000		82.9	170	ug/Kg
Total Svoc :				3,120.00				
Total Concentration:				3,883.50				
Client ID : SB-04-0-2.0								
P1746-11	SB-04-0-2.0	Solid	Benzo[e]pyrene	*	130.000	J		
P1746-11	SB-04-0-2.0	Solid	Cholesterol	*	210.000	J		
P1746-11	SB-04-0-2.0	Solid	n-Hexadecanoic acid	*	130.000	J		
P1746-11	SB-04-0-2.0	Solid	Octadecane, 1-(ethenyloxy)-	*	110.000	J		
Total Tics :				580.00				
P1746-11	SB-04-0-2.0	Solid	Benzo(a)anthracene		160.000	J 80.6	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Benzo(a)pyrene		160.000	J 92.9	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Benzo(b)fluoranthene		240.000	81	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Chrysene		150.000	J 79.4	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Fluoranthene		320.000	81.6	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Phenanthrene		120.000	J 83.9	170	ug/Kg
P1746-11	SB-04-0-2.0	Solid	Pyrene		190.000	82.9	170	ug/Kg
Total Svoc :				1,340.00				
Total Concentration:				1,920.00				
Client ID : SB-04-2.0-4.0								
P1746-12	SB-04-2.0-4.0	Solid	Perylene	*	88.600	J		
Total Tics :				88.60				
P1746-12	SB-04-2.0-4.0	Solid	Fluoranthene		90.900	J 81.6	170	ug/Kg
Total Svoc :				90.90				
Total Concentration:				179.50				
Client ID : SB-04-4.0-6.0								
P1746-13	SB-04-4.0-6.0	Solid	Pentadecafluorooctanoic acid, octa	*	100.000	J		
P1746-13	SB-04-4.0-6.0	Solid	unknown3.075	*	73.200	J		
P1746-13	SB-04-4.0-6.0	Solid	unknown9.863	*	810.000	J		
Total Tics :				983.20				
Total Concentration:				983.20				
Client ID : SB-05-0-2.0								
P1746-15	SB-05-0-2.0	Solid	11H-Benzo[a]fluoren-11-one	*	82.000	J		
P1746-15	SB-05-0-2.0	Solid	4H-Cyclopenta[def]phenanthrene	*	83.600	J		
P1746-15	SB-05-0-2.0	Solid	Anthracene, 2-methyl-	*	110.000	J		
P1746-15	SB-05-0-2.0	Solid	Benzo[e]pyrene	*	83.300	J		
P1746-15	SB-05-0-2.0	Solid	Benzo[j]fluoranthene	*	280.000	J		
P1746-15	SB-05-0-2.0	Solid	Supraene	*	66.600	J		
Total Tics :				705.50				
P1746-15	SB-05-0-2.0	Solid	Benzo(a)anthracene		330.000	80.7	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Benzo(a)pyrene		320.000	93	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1746-15	SB-05-0-2.0	Solid	Benzo(b)fluoranthene	520.000		81.1	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Benzo(g,h,i)perylene	140.000	J	80.1	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Chrysene	330.000		79.5	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Fluoranthene	660.000		81.7	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	78.1	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Phenanthrene	220.000		84	170	ug/Kg
P1746-15	SB-05-0-2.0	Solid	Pyrene	370.000		83	170	ug/Kg
Total Svoc :				3,150.00				
Total Concentration:				3,855.50				
Client ID : SB-05-0-2.0-DUP								
P1746-16	SB-05-0-2.0-DUP	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	97.700	J			
P1746-16	SB-05-0-2.0-DUP	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	730.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	2-propenamide, 2-methyl-N-[4-[(r *	97.400	J			
P1746-16	SB-05-0-2.0-DUP	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	7H-Benz[de]anthracen-7-one *	90.800	J			
P1746-16	SB-05-0-2.0-DUP	Solid	9,10-Anthracenedione *	69.500	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Anthracene, 1-methyl- *	240.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Anthracene, 2-methyl- *	110.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	110.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo[b]naphtho[2,1-d]thiophene *	75.800	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo[e]pyrene *	190.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Cyclopenta(def)phenanthrenone *	100.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Naphthalene, 2-phenyl- *	71.100	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Perylene *	550.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Phenanthrene, 2,5-dimethyl- *	120.000	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Phenanthrene, 2-methyl- *	77.800	J			
P1746-16	SB-05-0-2.0-DUP	Solid	Pyrene, 1-methyl- *	68.200	J			
P1746-16	SB-05-0-2.0-DUP	Solid	unknown12.327 *	95.700	J			
P1746-16	SB-05-0-2.0-DUP	Solid	unknown14.792 *	79.500	J			
Total Tics :				3,163.50				
P1746-16	SB-05-0-2.0-DUP	Solid	Acenaphthylene	160.000	J	86.3	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Anthracene	96.900	J	84.2	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo(a)anthracene	650.000		80.5	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo(a)pyrene	630.000		92.8	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo(b)fluoranthene	980.000		80.9	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo(g,h,i)perylene	280.000		79.9	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Benzo(k)fluoranthene	310.000		82.4	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Chrysene	680.000		79.3	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Dibenzo(a,h)anthracene	84.400	J	81	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Fluoranthene	1,100.000		81.5	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Indeno(1,2,3-cd)pyrene	270.000		77.9	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1746-16	SB-05-0-2.0-DUP	Solid	Phenanthrene	380.000		83.8	170	ug/Kg
P1746-16	SB-05-0-2.0-DUP	Solid	Pyrene	680.000		82.8	170	ug/Kg
Total Svoc :				6,301.30				
Total Concentration:				9,464.80				
Client ID : SB-05-2.0-4.5								
P1746-17	SB-05-2.0-4.5	Solid	4,9,13,17-Tetramethyl-4,8,12,16-c *	180.000	J			
P1746-17	SB-05-2.0-4.5	Solid	4H-Cyclopenta[def]phenanthrene *	110.000	J			
P1746-17	SB-05-2.0-4.5	Solid	7H-Benz[de]anthracen-7-one *	120.000	J			
P1746-17	SB-05-2.0-4.5	Solid	Benzo[e]pyrene *	81.900	J			
P1746-17	SB-05-2.0-4.5	Solid	Benzo[j]fluoranthene *	300.000	J			
P1746-17	SB-05-2.0-4.5	Solid	Phenanthrene, 3-methyl- *	170.000	J			
Total Tics :				961.90				
P1746-17	SB-05-2.0-4.5	Solid	Benzo(a)anthracene	350.000		80.6	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Benzo(a)pyrene	340.000		92.9	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Benzo(b)fluoranthene	550.000		81	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Benzo(g,h,i)perylene	160.000	J	80	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Benzo(k)fluoranthene	150.000	J	82.5	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Chrysene	350.000		79.4	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Fluoranthene	700.000		81.6	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	78	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Phenanthrene	250.000		83.9	170	ug/Kg
P1746-17	SB-05-2.0-4.5	Solid	Pyrene	410.000		82.9	170	ug/Kg
Total Svoc :				3,400.00				
Total Concentration:				4,361.90				
Client ID : SB-06-0-2.0								
P1746-19	SB-06-0-2.0	Solid	Cyclohexadecane *	100.000	J			
P1746-19	SB-06-0-2.0	Solid	n-Hexadecanoic acid *	100.000	J			
P1746-19	SB-06-0-2.0	Solid	Perylene *	110.000	J			
P1746-19	SB-06-0-2.0	Solid	Supraene *	140.000	J			
Total Tics :				450.00				
P1746-19	SB-06-0-2.0	Solid	Benzo(a)anthracene	140.000	J	80.5	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Benzo(a)pyrene	140.000	J	92.8	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Benzo(b)fluoranthene	210.000		80.9	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Bis(2-ethylhexyl)phthalate	95.300	J	90.8	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Chrysene	130.000	J	79.3	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Fluoranthene	280.000		81.5	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Phenanthrene	100.000	J	83.8	170	ug/Kg
P1746-19	SB-06-0-2.0	Solid	Pyrene	160.000	J	82.8	170	ug/Kg
Total Svoc :				1,255.30				
Total Concentration:				1,705.30				



Hit Summary Sheet
SW-846

SDG No.: BF031424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID: _____

Calibration Date(s): 2/29/2024 : _____

Calibration Time(s): 12:44 _____

LAB FILE ID:		RRF2.5 = BF137439.D		RRF005 = BF137440.D		RRF010 = BF137441.D		
		RRF020 = BF137442.D		RRF040 = BF137443.D		RRF050 = BF137444.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.425	0.628	0.700	0.710	0.652	17.9
Pyridine		1.361	1.529	1.895	1.910	1.832	1.741	12.2
2-Fluorophenol		1.221	1.350	1.475	1.380	1.318	1.321	7.1
Benzaldehyde		0.824	0.936	1.041	1.001	0.950	0.934	8.1
Aniline		2.090	2.322	2.553	2.462	2.343	2.329	6.8
Phenol-d6		1.987	2.007	2.095	1.924	1.832	1.906	7.4
Phenol		2.046	2.142	2.271	2.125	2.004	2.052	7.5
bis(2-Chloroethyl)ether		1.600	1.380	1.546	1.577	1.523	1.503	5.4
2-Chlorophenol		1.432	1.462	1.537	1.417	1.354	1.393	7.4
1,2-Dichlorobenzene		1.533	1.522	1.553	1.399	1.334	1.398	10.6
1,3-Dichlorobenzene		1.559	1.559	1.620	1.505	1.437	1.488	6.9
1,4-Dichlorobenzene		1.659	1.572	1.670	1.544	1.449	1.523	8.2
Benzyl Alcohol		1.046	1.221	1.364	1.272	1.190	1.187	9.6
2-Methylphenol		1.299	1.348	1.410	1.325	1.277	1.303	5.3
2,2-oxybis(1-Chloropropane)		2.765	2.745	2.815	2.596	2.486	2.584	8.1
Acetophenone		0.508	0.525	0.540	0.480	0.467	0.484	9.2
3+4-Methylphenols		1.518	1.665	1.745	1.509	1.408	1.493	11.8
n-Nitroso-di-n-propylamine	1.240	1.246	1.252	1.290	1.161	1.097	1.177	7.9
Nitrobenzene-d5		0.418	0.437	0.471	0.441	0.427	0.430	5.4
Hexachloroethane		0.497	0.502	0.546	0.513	0.493	0.501	5.1
Nitrobenzene		0.406	0.434	0.465	0.440	0.439	0.432	4.7
Isophorone		0.816	0.831	0.862	0.820	0.807	0.818	3.3
2-Nitrophenol		0.140	0.162	0.182	0.178	0.183	0.172	9.2
2,4-Dimethylphenol		0.312	0.330	0.351	0.327	0.319	0.321	5.7
bis(2-Chloroethoxy)methane		0.465	0.498	0.522	0.488	0.476	0.480	5.5
2,4-Dichlorophenol		0.279	0.296	0.322	0.302	0.297	0.294	5.4
1,2,4-Trichlorobenzene		0.323	0.326	0.332	0.310	0.302	0.310	6.3
Benzoic acid			0.123	0.141	0.165	0.182	0.167	17.9
Naphthalene		1.163	1.163	1.192	1.058	1.028	1.073	9.7
4-Chloroaniline		0.369	0.430	0.467	0.444	0.430	0.421	8.4
Hexachlorobutadiene		0.191	0.191	0.195	0.184	0.177	0.183	5.7
Caprolactam		0.095	0.096	0.104	0.102	0.102	0.100	3.8
4-Chloro-3-methylphenol		0.328	0.335	0.354	0.336	0.325	0.329	4.6
2-Methylnaphthalene		0.732	0.748	0.760	0.684	0.654	0.684	9.8
Hexachlorocyclopentadiene			0.084	0.141	0.190	0.211	0.180	31.6
2,4,6-Trichlorophenol		0.355	0.355	0.387	0.375	0.364	0.364	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID:

Calibration Date(s): 2/29/2024 :

Calibration Time(s): 12:44

LAB FILE ID:		RRF2.5 = BF137439.D		RRF005 = BF137440.D		RRF010 = BF137441.D		
		RRF020 = BF137442.D		RRF040 = BF137443.D		RRF050 = BF137444.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.467	1.412	1.240	1.157	1.278	14.5
2,4,5-Trichlorophenol		0.413	0.398	0.464	0.428	0.417	0.419	5.5
1,1-Biphenyl		1.595	1.586	1.619	1.465	1.379	1.464	9.8
2-Chloronaphthalene		1.192	1.170	1.217	1.122	1.067	1.116	7.4
2-Nitroaniline		0.289	0.345	0.399	0.402	0.411	0.379	12.1
Dimethylphthalate		1.476	1.481	1.498	1.378	1.327	1.392	6.8
Acenaphthylene		1.993	1.932	1.981	1.798	1.679	1.786	11.0
2,6-Dinitrotoluene		0.270	0.283	0.315	0.300	0.292	0.291	5.1
3-Nitroaniline		0.269	0.291	0.311	0.329	0.323	0.308	7.1
Acenaphthene		1.175	1.160	1.179	1.057	0.997	1.066	10.0
2,4-Dinitrophenol			0.044	0.088	0.122	0.131	0.111	34.5
4-Nitrophenol			0.104	0.181	0.206	0.216	0.190	23.6
Dibenzofuran		1.816	1.800	1.834	1.615	1.513	1.624	12.3
2,4-Dinitrotoluene		0.310	0.356	0.397	0.378	0.370	0.358	8.2
Diethylphthalate		1.401	1.415	1.438	1.311	1.250	1.315	8.3
4-Chlorophenyl-phenylether		0.701	0.682	0.674	0.589	0.564	0.611	12.0
Fluorene		1.447	1.420	1.402	1.211	1.129	1.247	14.0
4-Nitroaniline		0.217	0.238	0.296	0.273	0.277	0.265	10.5
4,6-Dinitro-2-methylphenol			0.080	0.107	0.117	0.121	0.111	14.7
n-Nitrosodiphenylamine		0.669	0.687	0.699	0.636	0.625	0.644	6.6
Azobenzene		1.617	1.602	1.647	1.524	1.452	1.514	7.7
2,4,6-Tribromophenol		0.169	0.174	0.187	0.175	0.173	0.176	3.3
4-Bromophenyl-phenylether		0.213	0.219	0.236	0.221	0.216	0.218	4.3
Hexachlorobenzene		0.225	0.225	0.233	0.217	0.217	0.220	4.1
Atrazine		0.190	0.199	0.214	0.197	0.195	0.196	4.8
Pentachlorophenol			0.105	0.133	0.139	0.142	0.133	10.7
Phenanthrene		1.206	1.195	1.203	1.058	1.036	1.088	10.4
Anthracene		1.203	1.195	1.248	1.088	1.085	1.118	9.1
Carbazole		0.998	1.027	1.062	0.952	0.931	0.958	8.4
Di-n-butylphthalate		1.192	1.203	1.255	1.140	1.116	1.139	7.6
Fluoranthene		1.208	1.167	1.185	1.030	1.005	1.064	11.6
Benzidine			0.375	0.497	0.568	0.541	0.489	14.4
Pyrene		1.874	1.929	2.096	2.064	1.969	1.962	4.9
Terphenyl-d14		1.470	1.472	1.534	1.490	1.441	1.454	4.2
Butylbenzylphthalate		0.405	0.441	0.506	0.527	0.540	0.501	11.4
3,3-Dichlorobenzidine		0.274	0.318	0.390	0.417	0.398	0.373	14.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID: _____

Calibration Date(s): 2/29/2024 : _____

Calibration Time(s): 12:44 : _____

LAB FILE ID:		RRF2.5 = BF137439.D			RRF005 = BF137440.D		RRF010 = BF137441.D	
		RRF020 = BF137442.D			RRF040 = BF137443.D		RRF050 = BF137444.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.405	1.519	1.416	1.380	1.402	4.6
Chrysene		1.427	1.407	1.493	1.447	1.384	1.417	3.1
Bis(2-ethylhexyl)phthalate		0.540	0.560	0.655	0.677	0.668	0.637	9.6
Di-n-octyl phthalate			0.808	0.979	1.196	1.170	1.120	17.1
Benzo(b)fluoranthene		1.181	1.174	1.292	1.200	1.166	1.183	5.0
Benzo(k)fluoranthene		1.372	1.359	1.352	1.231	1.217	1.271	7.2
Benzo(a)pyrene		1.115	1.144	1.249	1.210	1.165	1.166	4.5
Indeno(1,2,3-cd)pyrene		1.135	1.258	1.395	1.392	1.355	1.316	7.2
Dibenzo(a,h)anthracene		0.901	1.008	1.134	1.134	1.101	1.068	8.2
Benzo(g,h,i)perylene		0.943	1.030	1.171	1.162	1.132	1.096	7.6
1,2,4,5-Tetrachlorobenzene		0.576	0.584	0.609	0.563	0.543	0.558	6.5
1,4-Dioxane		0.715	0.716	0.764	0.742	0.710	0.722	3.5
2,3,4,6-Tetrachlorophenol		0.336	0.346	0.363	0.341	0.329	0.336	5.0
1-Methylnaphthalene		0.704	0.710	0.718	0.635	0.605	0.644	10.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 14 2024 12:00AMLab File ID: BF137443.D Time Analyzed: 15:01Instrument 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	211004	6.804	833843	8.08	463807	9.84
	UPPER LIMIT	422008	7.304	1667686	8.581	927614	10.339
	LOWER LIMIT	105502	6.304	416921.5	7.581	231903.5	9.339
	EPA SAMPLE NO.						
01	PB159568BL	225387	6.73	874080	8.00	444676	9.76
02	PB159568BS	210990	6.73	809567	8.01	419555	9.76
03	PB159559TB	197507	6.72	772677	8.00	407935	9.76
04	PB159584BS	212526	6.73	816653	8.01	421172	9.76
05	PB159584BL	223746	6.72	870138	8.00	448656	9.76
06	SB-01-4.0-6.0	133462	6.73	528915	8.00	291621	9.76
07	SB-04-2.0-4.0	132427	6.73	515443	8.00	287113	9.76
08	SB-04-4.0-6.0	142956	6.73	567873	8.00	309716	9.76
09	RT-3488	141536	6.73	550723	8.00	300636	9.76
10	SB-01-7.0-9.5	141943	6.73	544997	8.00	292934	9.76
11	SB-02-0-2.0	137227	6.73	506375	8.00	258931	9.76
12	SB-03-0-2.0	134775	6.73	510426	8.00	256541	9.76
13	SB-03-2.0-3.0	123704	6.73	453257	8.00	225987 *	9.76
14	SB-04-0-2.0	126793	6.73	469527	8.00	240717	9.76
15	SB-05-0-2.0	121956	6.73	457638	8.00	230551 *	9.76
16	SB-05-0-2.0-DUP	127793	6.73	471558	8.00	241864	9.76
17	SB-05-2.0-4.5	130811	6.73	489571	8.00	255069	9.76
18	SB-06-0-2.0	128313	6.73	472241	8.00	232231	9.76
19	SB-01-0-2.0	125213	6.73	440212	8.00	220994 *	9.76

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

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

Lab File ID: BF137443.D Time Analyzed: 23:47

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	211004	6.804	833843	8.08	463807	9.84
UPPER LIMIT	422008	7.304	1667686	8.581	927614	10.339
LOWER LIMIT	105502	6.304	416921.5	7.581	231903.5	9.339
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 14 2024 12:00AMLab File ID: BF137589.D Time Analyzed: 15:01Instrument 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	188280	6.728	706807	8.01	368532	9.76
	UPPER LIMIT	376560	7.228	1413614	8.51	737064	10.263
	LOWER LIMIT	94140	6.228	353403.5	7.51	184266	9.263
	EPA SAMPLE NO.						
01	PB159568BL	225387	6.73	874080	8.00	444676	9.76
02	PB159568BS	210990	6.73	809567	8.01	419555	9.76
03	PB159559TB	197507	6.72	772677	8.00	407935	9.76
04	PB159584BS	212526	6.73	816653	8.01	421172	9.76
05	PB159584BL	223746	6.72	870138	8.00	448656	9.76
06	SB-01-4.0-6.0	133462	6.73	528915	8.00	291621	9.76
07	SB-04-2.0-4.0	132427	6.73	515443	8.00	287113	9.76
08	SB-04-4.0-6.0	142956	6.73	567873	8.00	309716	9.76
09	RT-3488	141536	6.73	550723	8.00	300636	9.76
10	SB-01-7.0-9.5	141943	6.73	544997	8.00	292934	9.76
11	SB-02-0-2.0	137227	6.73	506375	8.00	258931	9.76
12	SB-03-0-2.0	134775	6.73	510426	8.00	256541	9.76
13	SB-03-2.0-3.0	123704	6.73	453257	8.00	225987	9.76
14	SB-04-0-2.0	126793	6.73	469527	8.00	240717	9.76
15	SB-05-0-2.0	121956	6.73	457638	8.00	230551	9.76
16	SB-05-0-2.0-DUP	127793	6.73	471558	8.00	241864	9.76
17	SB-05-2.0-4.5	130811	6.73	489571	8.00	255069	9.76
18	SB-06-0-2.0	128313	6.73	472241	8.00	232231	9.76
19	SB-01-0-2.0	125213	6.73	440212	8.00	220994	9.76

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

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

Lab File ID: BF137589.D Time Analyzed: 23:47

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	188280	6.728	706807	8.01	368532	9.76
UPPER LIMIT	376560	7.228	1413614	8.51	737064	10.263
LOWER LIMIT	94140	6.228	353403.5	7.51	184266	9.263
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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

EPA Sample No.: SSTDICCC040

Date Analyzed: Mar 14 2024 12:00AM

Lab File ID: BF137443.D

Time Analyzed: 15:01

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	794722	11.328	399789	13.986	384521	15.486
UPPER LIMIT	1589444	11.828	799578	14.486	769042	15.986
LOWER LIMIT	397361	10.828	199894.5	13.486	192260.5	14.986
EPA SAMPLE NO.						
01 PB159568BL	755594	11.24	474210	13.87	413045	15.29
02 PB159568BS	694285	11.25	432380	13.88	408577	15.30
03 PB159559TB	662025	11.24	414696	13.87	355084	15.29
04 PB159584BS	695843	11.25	410966	13.88	394541	15.30
05 PB159584BL	760551	11.24	493558	13.87	427060	15.30
06 SB-01-4.0-6.0	516712	11.24	329405	13.87	276385	15.29
07 SB-04-2.0-4.0	490057	11.24	308439	13.87	279327	15.29
08 SB-04-4.0-6.0	538363	11.24	352138	13.87	309037	15.29
09 RT-3488	486724	11.24	304843	13.87	351629	15.29
10 SB-01-7.0-9.5	457059	11.24	312628	13.87	360295	15.29
11 SB-02-0-2.0	390684 *	11.24	343222	13.87	385990	15.29
12 SB-03-0-2.0	405000	11.24	342705	13.87	373013	15.29
13 SB-03-2.0-3.0	362492 *	11.24	340276	13.87	368031	15.30
14 SB-04-0-2.0	370233 *	11.24	323246	13.87	341209	15.29
15 SB-05-0-2.0	357828 *	11.24	312194	13.87	331750	15.30
16 SB-05-0-2.0-DUP	373516 *	11.24	319549	13.87	319874	15.30
17 SB-05-2.0-4.5	411996	11.24	344805	13.87	333659	15.30
18 SB-06-0-2.0	353336 *	11.24	328390	13.87	300694	15.30
19 SB-01-0-2.0	381393 *	11.24	369283	13.87	311151	15.30

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

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

Lab File ID: BF137443.D Time Analyzed: 23:47

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	794722	11.328	399789	13.986	384521	15.486
UPPER LIMIT	1589444	11.828	799578	14.486	769042	15.986
LOWER LIMIT	397361	10.828	199894.5	13.486	192260.5	14.986
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

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

Lab File ID: BF137589.D Time Analyzed: 15:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	590726	11.239	371393	13.874	377614	15.298
UPPER LIMIT	1181452	11.739	742786	14.374	755228	15.798
LOWER LIMIT	295363	10.739	185696.5	13.374	188807	14.798
EPA SAMPLE NO.						
01 PB159568BL	755594	11.24	474210	13.87	413045	15.29
02 PB159568BS	694285	11.25	432380	13.88	408577	15.30
03 PB159559TB	662025	11.24	414696	13.87	355084	15.29
04 PB159584BS	695843	11.25	410966	13.88	394541	15.30
05 PB159584BL	760551	11.24	493558	13.87	427060	15.30
06 SB-01-4.0-6.0	516712	11.24	329405	13.87	276385	15.29
07 SB-04-2.0-4.0	490057	11.24	308439	13.87	279327	15.29
08 SB-04-4.0-6.0	538363	11.24	352138	13.87	309037	15.29
09 RT-3488	486724	11.24	304843	13.87	351629	15.29
10 SB-01-7.0-9.5	457059	11.24	312628	13.87	360295	15.29
11 SB-02-0-2.0	390684	11.24	343222	13.87	385990	15.29
12 SB-03-0-2.0	405000	11.24	342705	13.87	373013	15.29
13 SB-03-2.0-3.0	362492	11.24	340276	13.87	368031	15.30
14 SB-04-0-2.0	370233	11.24	323246	13.87	341209	15.29
15 SB-05-0-2.0	357828	11.24	312194	13.87	331750	15.30
16 SB-05-0-2.0-DUP	373516	11.24	319549	13.87	319874	15.30
17 SB-05-2.0-4.5	411996	11.24	344805	13.87	333659	15.30
18 SB-06-0-2.0	353336	11.24	328390	13.87	300694	15.30
19 SB-01-0-2.0	381393	11.24	369283	13.87	311151	15.30

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031424 SAS No.: BF031424 SDG NO.: BF031424

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

Lab File ID: BF137589.D Time Analyzed: 23:47

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	590726	11.239	371393	13.874	377614	15.298
UPPER LIMIT	1181452	11.739	742786	14.374	755228	15.798
LOWER LIMIT	295363	10.739	185696.5	13.374	188807	14.798
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159568BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	830	ug/Kg	49				10	147	
	Aniline	1700	620	ug/Kg	36		*		38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031424

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB159568BS	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1400	ug/Kg	82				67	113	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	310	ug/Kg	9		*		10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				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	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159584BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	840	ug/Kg	49				10	147	
	Aniline	1700	620	ug/Kg	36		*		38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	970	ug/Kg	57				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23800	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB159584BS	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	1400	ug/Kg	82				67	113	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	540	ug/Kg	16				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159568BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031424SAS No.: BF031424 SDG NO.: BF031424Lab File ID: BF137590.DLab Sample ID: PB159568BLInstrument ID: BNA_FDate Extracted: 03/13/2024Matrix: (soil/water) SolidDate Analyzed: 03/14/2024Level: (low/med) LOWTime Analyzed: 15:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159568BS	PB159568BS	BF137591.D	03/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159559TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031424SAS No.: BF031424 SDG NO.: BF031424Lab File ID: BF137592.DLab Sample ID: PB159559TBInstrument ID: BNA_FDate Extracted: 03/13/2024Matrix: (soil/water) waterDate Analyzed: 03/14/2024Level: (low/med) LOWTime Analyzed: 16:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159559TB	PB159559TB	BF137592.D	03/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159584BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BF031424

SAS No.: BF031424

SDG NO.: BF031424

Lab File ID: BF137594.D

Lab Sample ID: PB159584BL

Instrument ID: BNA_F

Date Extracted: 03/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 03/14/2024

Level: (low/med) LOW

Time Analyzed: 16:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SB-01-4.0-6.0	P1746-02	BF137595.D	03/14/2024
SB-04-2.0-4.0	P1746-12	BF137596.D	03/14/2024
SB-04-4.0-6.0	P1746-13	BF137597.D	03/14/2024
RT-3488	P1744-01	BF137598.D	03/14/2024
SB-01-7.0-9.5	P1746-04	BF137599.D	03/14/2024
SB-02-0-2.0	P1746-06	BF137600.D	03/14/2024
SB-03-0-2.0	P1746-08	BF137601.D	03/14/2024
SB-03-2.0-3.0	P1746-09	BF137602.D	03/14/2024
SB-04-0-2.0	P1746-11	BF137603.D	03/14/2024
SB-05-0-2.0	P1746-15	BF137604.D	03/14/2024
SB-05-0-2.0-DUP	P1746-16	BF137605.D	03/14/2024
SB-05-2.0-4.5	P1746-17	BF137606.D	03/14/2024
SB-06-0-2.0	P1746-19	BF137607.D	03/14/2024
SB-01-0-2.0	P1746-01	BF137608.D	03/14/2024
PB159584BS	PB159584BS	BF137593.D	03/14/2024

COMMENTS:



Surrogate Summary
SW-846

SDG No.: BF031424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159568BL	PB159568BL	BF137590.D	2-Fluorophenol	150	115.51	77		18	112
			Phenol-d6	150	107.37	72		15	107
			Nitrobenzene-d5	100	75.90	76		18	107
			2-Fluorobiphenyl	100	79.59	80		20	109
			2,4,6-Tribromophenol	150	118.38	79		10	110
PB159568BS	PB159568BS	BF137591.D	Terphenyl-d14	100	67.15	67		14	112
			2-Fluorophenol	150	124.89	83		18	112
			Phenol-d6	150	116.61	78		15	107
			Nitrobenzene-d5	100	83.90	84		18	107
			2-Fluorobiphenyl	100	86.58	87		20	109
			2,4,6-Tribromophenol	150	136.23	91		10	110
			Terphenyl-d14	100	74.80	75		14	112



Surrogate Summary
SW-846

SDG No.: BF031424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159559TB	PB159559TB	BF137592.D	2-Fluorophenol	150	124.02	83		10	139
			Phenol-d6	150	116.17	77		10	134
			Nitrobenzene-d5	100	80.49	80		49	133
			2-Fluorobiphenyl	100	82.92	83		52	132
			2,4,6-Tribromophenol	150	119.48	80		32	145
			Terphenyl-d14	100	70.03	70		36	145

Surrogate Summary

SW-846

SDG No.: BF031424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1744-01	RT-3488	BF137598.D	2-Fluorophenol	150	67.52	45		18	112
			Phenol-d6	150	85.99	57		15	107
			Nitrobenzene-d5	100	49.43	49		18	107
			2-Fluorobiphenyl	100	77.25	77		20	109
			2,4,6-Tribromophenol	150	121.86	81		10	110
			Terphenyl-d14	100	67.23	67		14	112
P1746-01	SB-01-0-2.0	BF137608.D	2-Fluorophenol	150	89.09	59		18	112
			Phenol-d6	150	79.17	53		15	107
			Nitrobenzene-d5	100	58.30	58		18	107
			2-Fluorobiphenyl	100	62.35	62		20	109
			2,4,6-Tribromophenol	150	85.27	57		10	110
			Terphenyl-d14	100	38.60	39		14	112
P1746-02	SB-01-4.0-6.0	BF137595.D	2-Fluorophenol	150	93.49	62		18	112
			Phenol-d6	150	86.77	58		15	107
			Nitrobenzene-d5	100	56.83	57		18	107
			2-Fluorobiphenyl	100	61.49	61		20	109
			2,4,6-Tribromophenol	150	91.51	61		10	110
			Terphenyl-d14	100	53.34	53		14	112
P1746-04	SB-01-7.0-9.5	BF137599.D	2-Fluorophenol	150	112.71	75		18	112
			Phenol-d6	150	104.32	70		15	107
			Nitrobenzene-d5	100	74.36	74		18	107
			2-Fluorobiphenyl	100	78.37	78		20	109
			2,4,6-Tribromophenol	150	104.25	70		10	110
			Terphenyl-d14	100	60.25	60		14	112
P1746-06	SB-02-0-2.0	BF137600.D	2-Fluorophenol	150	110.12	73		18	112
			Phenol-d6	150	100.31	67		15	107
			Nitrobenzene-d5	100	72.25	72		18	107
			2-Fluorobiphenyl	100	76.06	76		20	109
			2,4,6-Tribromophenol	150	97.82	65		10	110
			Terphenyl-d14	100	46.32	46		14	112
P1746-08	SB-03-0-2.0	BF137601.D	2-Fluorophenol	150	79.83	53		18	112
			Phenol-d6	150	73.43	49		15	107
			Nitrobenzene-d5	100	50.69	51		18	107
			2-Fluorobiphenyl	100	54.17	54		20	109
			2,4,6-Tribromophenol	150	72.76	49		10	110
			Terphenyl-d14	100	32.91	33		14	112
P1746-09	SB-03-2.0-3.0	BF137602.D	2-Fluorophenol	150	110.63	74		18	112
			Phenol-d6	150	99.74	66		15	107
			Nitrobenzene-d5	100	72.97	73		18	107
			2-Fluorobiphenyl	100	75.79	76		20	109
			2,4,6-Tribromophenol	150	103.65	69		10	110
			Terphenyl-d14	100	45.80	46		14	112
P1746-11	SB-04-0-2.0	BF137603.D	2-Fluorophenol	150	97.38	65		18	112
			Phenol-d6	150	90.00	60		15	107
			Nitrobenzene-d5	100	63.36	63		18	107
			2-Fluorobiphenyl	100	62.78	63		20	109
			2,4,6-Tribromophenol	150	86.04	57		10	110
			Terphenyl-d14	100	35.22	35		14	112
P1746-12	SB-04-2.0-4.0	BF137596.D	2-Fluorophenol	150	80.46	54		18	112
			Phenol-d6	150	75.34	50		15	107
			Nitrobenzene-d5	100	51.58	52		18	107

Surrogate Summary

SW-846

SDG No.: BF031424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1746-12	SB-04-2.0-4.0	BF137596.D	2-Fluorobiphenyl	100	48.12	48		20	109
			2,4,6-Tribromophenol	150	72.66	48		10	110
			Terphenyl-d14	100	43.02	43		14	112
P1746-13	SB-04-4.0-6.0	BF137597.D	2-Fluorophenol	150	103.29	69		18	112
			Phenol-d6	150	96.98	65		15	107
			Nitrobenzene-d5	100	64.14	64		18	107
			2-Fluorobiphenyl	100	65.21	65		20	109
			2,4,6-Tribromophenol	150	98.40	66		10	110
			Terphenyl-d14	100	55.24	55		14	112
P1746-15	SB-05-0-2.0	BF137604.D	2-Fluorophenol	150	111.91	75		18	112
			Phenol-d6	150	103.68	69		15	107
			Nitrobenzene-d5	100	73.58	74		18	107
			2-Fluorobiphenyl	100	75.22	75		20	109
			2,4,6-Tribromophenol	150	100.19	67		10	110
			Terphenyl-d14	100	46.18	46		14	112
P1746-16	SB-05-0-2.0-DUP	BF137605.D	2-Fluorophenol	150	105.11	70		18	112
			Phenol-d6	150	97.40	65		15	107
			Nitrobenzene-d5	100	69.57	70		18	107
			2-Fluorobiphenyl	100	72.80	73		20	109
			2,4,6-Tribromophenol	150	92.97	62		10	110
			Terphenyl-d14	100	45.86	46		14	112
P1746-17	SB-05-2.0-4.5	BF137606.D	2-Fluorophenol	150	82.54	55		18	112
			Phenol-d6	150	78.03	52		15	107
			Nitrobenzene-d5	100	53.78	54		18	107
			2-Fluorobiphenyl	100	56.69	57		20	109
			2,4,6-Tribromophenol	150	76.93	51		10	110
			Terphenyl-d14	100	34.74	35		14	112
P1746-19	SB-06-0-2.0	BF137607.D	2-Fluorophenol	150	79.25	53		18	112
			Phenol-d6	150	71.14	47		15	107
			Nitrobenzene-d5	100	50.22	50		18	107
			2-Fluorobiphenyl	100	55.87	56		20	109
			2,4,6-Tribromophenol	150	67.15	45		10	110
			Terphenyl-d14	100	31.13	31		14	112
PB159584BL	PB159584BL	BF137594.D	2-Fluorophenol	150	115.08	77		18	112
			Phenol-d6	150	107.60	72		15	107
			Nitrobenzene-d5	100	76.42	76		18	107
			2-Fluorobiphenyl	100	79.65	80		20	109
			2,4,6-Tribromophenol	150	120.75	80		10	110
			Terphenyl-d14	100	66.63	67		14	112
PB159584BS	PB159584BS	BF137593.D	2-Fluorophenol	150	125.36	84		18	112
			Phenol-d6	150	117.28	78		15	107
			Nitrobenzene-d5	100	84.67	85		18	107
			2-Fluorobiphenyl	100	86.52	87		20	109
			2,4,6-Tribromophenol	150	136.56	91		10	110
			Terphenyl-d14	100	77.38	77		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF031424

Lab Code: CHEM

SAS No.: BF031424 SDG NO.: BF031424

Lab File ID: BF137588.D

DFTPP Injection Date: 03/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 13:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BF137589.D	03/14/2024	14:02
PB159568BL	PB159568BL	BF137590.D	03/14/2024	15:01
PB159568BS	PB159568BS	BF137591.D	03/14/2024	15:31
PB159559TB	PB159559TB	BF137592.D	03/14/2024	16:00
PB159584BS	PB159584BS	BF137593.D	03/14/2024	16:30
PB159584BL	PB159584BL	BF137594.D	03/14/2024	16:59
SB-01-4.0-6.0	P1746-02	BF137595.D	03/14/2024	17:32
SB-04-2.0-4.0	P1746-12	BF137596.D	03/14/2024	18:01
SB-04-4.0-6.0	P1746-13	BF137597.D	03/14/2024	18:31
RT-3488	P1744-01	BF137598.D	03/14/2024	19:00
SB-01-7.0-9.5	P1746-04	BF137599.D	03/14/2024	19:29
SB-02-0-2.0	P1746-06	BF137600.D	03/14/2024	19:58
SB-03-0-2.0	P1746-08	BF137601.D	03/14/2024	20:26
SB-03-2.0-3.0	P1746-09	BF137602.D	03/14/2024	20:56
SB-04-0-2.0	P1746-11	BF137603.D	03/14/2024	21:24
SB-05-0-2.0	P1746-15	BF137604.D	03/14/2024	21:53
SB-05-0-2.0-DUP	P1746-16	BF137605.D	03/14/2024	22:21
SB-05-2.0-4.5	P1746-17	BF137606.D	03/14/2024	22:50
SB-06-0-2.0	P1746-19	BF137607.D	03/14/2024	23:19



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF031424Lab Code: CHEMSAS No.: BF031424 SDG NO.: BF031424Lab File ID: BF137588.DDFTPP Injection Date: 03/14/2024Instrument ID: BNA_FDFTPP Injection Time: 13:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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
SB-01-0-2.0	P1746-01	BF137608.D	03/14/2024	23:47