

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG No.: BF052124

Instrument ID: BNA_F Calibration Date/Time: 5/21/2024 11:22

Lab File ID: BF137971.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	0.505	0.495		-1.98	
Pyridine	1.144	1.182		3.322	
2-Fluorophenol	1.177	1.161		-1.359	
Benzaldehyde	0.785	0.758		-3.439	
Aniline	1.297	1.361		4.934	
Phenol-d6	1.450	1.436		-0.966	
Phenol	1.464	1.467		0.205	20.0
bis(2-Chloroethyl) ether	1.124	1.156		2.847	
2-Chlorophenol	1.274	1.286		0.942	
1,2-Dichlorobenzene	1.393	1.406		0.933	
1,3-Dichlorobenzene	1.474	1.479		0.339	
1,4-Dichlorobenzene	1.480	1.492		0.811	20.0
Benzyl Alcohol	1.005	1.046		4.08	
2-Methylphenol	1.016	1.031		1.476	
2,2-oxybis(1-Chloropropane)	1.382	1.441		4.269	
Acetophenone	0.448	0.450		0.446	
3+4-Methylphenols	1.331	1.358		2.029	
n-Nitroso-di-n-propylamine	0.815	0.844	0.050	3.558	
Nitrobenzene-d5	0.340	0.342		0.588	
Hexachloroethane	0.501	0.508		1.397	
Nitrobenzene	0.345	0.352		2.029	
Isophorone	0.590	0.614		4.068	
2-Nitrophenol	0.173	0.181		4.624	20.0
2,4-Dimethylphenol	0.223	0.233		4.484	
bis(2-Chloroethoxy) methane	0.357	0.369		3.361	
2,4-Dichlorophenol	0.280	0.290		3.571	20.0
1,2,4-Trichlorobenzene	0.313	0.319		1.917	
Benzoic acid	0.189	0.210		11.111	
Naphthalene	1.006	1.020		1.392	
4-Chloroaniline	0.330	0.341		3.333	
Hexachlorobutadiene	0.198	0.201		1.515	20.0
Caprolactam	0.081	0.086		6.173	
4-Chloro-3-methylphenol	0.285	0.298		4.561	20.0
2-Methylnaphthalene	0.646	0.665		2.941	
Hexachlorocyclopentadiene	0.207	0.230	0.050	11.111	
2,4,6-Trichlorophenol	0.357	0.372		4.202	20.0
2-Fluorobiphenyl	1.298	1.279		-1.464	
2,4,5-Trichlorophenol	0.390	0.407		4.359	
1,1-Biphenyl	1.403	1.395		-0.57	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG No.: BF052124

Instrument ID: BNA_F Calibration Date/Time: 5/21/2024 11:22

Lab File ID: BF137971.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.120	1.125		0.446	
2-Nitroaniline	0.287	0.289		0.697	
Dimethylphthalate	1.254	1.280		2.073	
Acenaphthylene	1.610	1.628		1.118	
2,6-Dinitrotoluene	0.288	0.302		4.861	
3-Nitroaniline	0.281	0.286		1.779	
Acenaphthene	1.064	1.086		2.068	20.0
2,4-Dinitrophenol	0.129	0.141	0.050	9.302	
4-Nitrophenol	0.202	0.224	0.050	10.891	
Dibenzofuran	1.549	1.559		0.646	
2,4-Dinitrotoluene	0.372	0.388		4.301	
Diethylphthalate	1.171	1.232		5.209	
4-Chlorophenyl-phenylether	0.604	0.628		3.974	
Fluorene	1.225	1.244		1.551	
4-Nitroaniline	0.267	0.271		1.498	
4,6-Dinitro-2-methylphenol	0.115	0.124		7.826	
n-Nitrosodiphenylamine	0.613	0.630		2.773	20.0
Azobenzene	1.065	1.103		3.568	
2,4,6-Tribromophenol	0.202	0.213		5.446	
4-Bromophenyl-phenylether	0.219	0.230		5.023	
Hexachlorobenzene	0.242	0.250		3.306	
Atrazine	0.167	0.183		9.581	
Pentachlorophenol	0.142	0.168		18.31	20.0
Phenanthrene	0.986	0.997		1.116	
Anthracene	0.978	0.989		1.125	
Carbazole	0.893	0.914		2.352	
Di-n-butylphthalate	0.991	1.100		10.999	
Fluoranthene	1.000	1.031		3.1	20.0
Benzidine	0.261	0.273		4.598	
Pyrene	1.749	1.892		8.176	
Terphenyl-d14	1.357	1.493		10.022	
Butylbenzylphthalate	0.528	0.625		18.371	
3,3-Dichlorobenzidine	0.351	0.394		12.251	
Benzo(a)anthracene	1.265	1.331		5.217	
Chrysene	1.210	1.240		2.479	
Bis(2-ethylhexyl)phthalate	0.663	0.781		17.798	
Di-n-octyl phthalate	0.896	1.138		27.009	20.0
Benzo(b)fluoranthene	1.158	1.198		3.454	
Benzo(k)fluoranthene	1.138	1.119		-1.67	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG No.: BF052124
 Instrument ID: BNA_F Calibration Date/Time: 5/21/2024 11:22
 Lab File ID: BF137971.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.989	1.024		3.539	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.412		9.883	
Dibenzo(a,h)anthracene	1.062	1.173		10.452	
Benzo(g,h,i)perylene	1.115	1.208		8.341	
1,2,4,5-Tetrachlorobenzene	0.544	0.551		1.287	
1,4-Dioxane	0.510	0.506		-0.784	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.325		6.209	
1-Methylnaphthalene	0.635	0.652		2.677	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BL	SDG No.:	BF052124
Lab Sample ID:	PB160974BL	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
BF137972.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

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



Client:				Date Collected:	5/17/2024 12:00:00 AM	
Project:				Date Received:	5/17/2024 12:00:00 AM	
Client Sample ID:	PB160974BL			SDG No.:	BF052124	
Lab Sample ID:	PB160974BL			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
BF137972.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	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)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BL	SDG No.:	BF052124
Lab Sample ID:	PB160974BL	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
BF137972.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	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	116.111		18-112		77	SPK: -150
13127-88-3	Phenol-d6	114.502		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	77.59		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	76.848		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BL	SDG No.:	BF052124
Lab Sample ID:	PB160974BL	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
BF137972.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.413		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	78.772		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163682	7.034				
1146-65-2	Naphthalene-d8	634861	8.316				
15067-26-2	Acenaphthene-d10	369794	10.08				
1517-22-2	Phenanthrene-d10	664060	11.574				
1719-03-5	Chrysene-d12	411560	14.221				
1520-96-3	Perylene-d12	336642	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown2.116	2900	J			2.116	
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.469	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	110	J			18.203	



Client:				Date Collected:	5/17/2024 12:00:00 AM	
Project:				Date Received:	5/17/2024 12:00:00 AM	
Client Sample ID:	PB160974BS			SDG No.:	BF052124	
Lab Sample ID:	PB160974BS			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
BF137973.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

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	1300		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	2100		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		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	1500		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	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		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	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		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	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BS	SDG No.:	BF052124
Lab Sample ID:	PB160974BS	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
BF137973.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	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	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	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)	3100		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		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	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BS	SDG No.:	BF052124
Lab Sample ID:	PB160974BS	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
BF137973.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	420		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		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	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		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	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.657		18-112		83	SPK: -150
13127-88-3	Phenol-d6	124.322		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	83.367		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.984		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160974BS	SDG No.:	BF052124
Lab Sample ID:	PB160974BS	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
BF137973.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.459		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	88.9		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154370	7.034				
1146-65-2	Naphthalene-d8	606523	8.322				
15067-26-2	Acenaphthene-d10	339468	10.086				
1517-22-2	Phenanthrene-d10	587011	11.58				
1719-03-5	Chrysene-d12	339457	14.227				
1520-96-3	Perylene-d12	297414	15.786				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BL	SDG No.:	BF052124
Lab Sample ID:	PB160998BL	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
BF137974.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BL	SDG No.:	BF052124
Lab Sample ID:	PB160998BL	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
BF137974.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BL	SDG No.:	BF052124
Lab Sample ID:	PB160998BL	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
BF137974.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.901		18-112		78	SPK: -150
13127-88-3	Phenol-d6	115.279		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	79.013		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	76.751		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BL	SDG No.:	BF052124
Lab Sample ID:	PB160998BL	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
BF137974.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.576		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	76.277		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160952	7.034				
1146-65-2	Naphthalene-d8	624402	8.316				
15067-26-2	Acenaphthene-d10	362173	10.081				
1517-22-2	Phenanthrene-d10	641577	11.575				
1719-03-5	Chrysene-d12	425174	14.221				
1520-96-3	Perylene-d12	346812	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.463	



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	PB160998BS			SDG No.:	BF052124	
Lab Sample ID:	PB160998BS			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
BF137975.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	2100		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	500		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BS	SDG No.:	BF052124
Lab Sample ID:	PB160998BS	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
BF137975.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	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		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	25200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	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		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BS	SDG No.:	BF052124
Lab Sample ID:	PB160998BS	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
BF137975.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	450		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.09		18-112		81	SPK: -150
13127-88-3	Phenol-d6	124.143		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	82.855		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.345		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	PB160998BS	SDG No.:	BF052124
Lab Sample ID:	PB160998BS	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
BF137975.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.586		10-110		93	SPK: -150
1718-51-0	Terphenyl-d14	87.938		14-112		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171696	7.034				
1146-65-2	Naphthalene-d8	678512	8.322				
15067-26-2	Acenaphthene-d10	382398	10.086				
1517-22-2	Phenanthrene-d10	650037	11.58				
1719-03-5	Chrysene-d12	368262	14.227				
1520-96-3	Perylene-d12	316687	15.786				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160966TB	SDG No.:	BF052124
Lab Sample ID:	PB160966TB	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
BF137976.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160983

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160966TB	SDG No.:	BF052124
Lab Sample ID:	PB160966TB	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
BF137976.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160983

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160966TB	SDG No.:	BF052124
Lab Sample ID:	PB160966TB	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
BF137976.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.319		10-139		92	SPK: -150
13127-88-3	Phenol-d6	135.08		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	91.96		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	89.029		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160966TB	SDG No.:	BF052124
Lab Sample ID:	PB160966TB	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
BF137976.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.576		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	93.629		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152768	7.034				
1146-65-2	Naphthalene-d8	603272	8.316				
15067-26-2	Acenaphthene-d10	352804	10.081				
1517-22-2	Phenanthrene-d10	621184	11.575				
1719-03-5	Chrysene-d12	372435	14.221				
1520-96-3	Perylene-d12	305838	15.786				

Report of Analysis

Client:				Date Collected:	5/15/2024 12:00:00 AM		
Project:				Date Received:	5/15/2024 12:00:00 AM		
Client Sample ID:	B-112-SB02			SDG No.:	BF052124		
Lab Sample ID:	P2500-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	19.8		
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
BF137977.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.5	U	99.5	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.4	U	99.4	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.2	U	50.2	99.7	99.7	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94	U	94	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02	SDG No.:	BF052124
Lab Sample ID:	P2500-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
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
BF137977.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.5	U	96.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.9	U	88.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.2	U	92.2	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1646.1	U	1646.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.8	U	99.8	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.2	U	99.2	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.3	U	98.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02	SDG No.:	BF052124
Lab Sample ID:	P2500-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
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
BF137977.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.3	U	96.3	340	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99	U	99	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.3	U	97.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.8	U	99.8	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	93	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.536		18-112		68	SPK: -150
13127-88-3	Phenol-d6	104.329		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	67.793		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	64.964		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02	SDG No.:	BF052124
Lab Sample ID:	P2500-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
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
BF137977.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.347		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	72.17		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156540	7.034				
1146-65-2	Naphthalene-d8	621323	8.316				
15067-26-2	Acenaphthene-d10	363741	10.081				
1517-22-2	Phenanthrene-d10	610830	11.575				
1719-03-5	Chrysene-d12	331394	14.221				
1520-96-3	Perylene-d12	319357	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.399	
000057-55-6	Propylene Glycol	97.2	J			3.675	
000057-10-3	n-Hexadecanoic acid	100	J			12.08	
000661-19-8	Behenic alcohol	220	J			14.057	



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	B-112-SB02MS			SDG No.:	BF052124	
Lab Sample ID:	P2500-02MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.8	
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
BF137978.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		110	340	410	ug/Kg
110-86-1	Pyridine	1500		99.4	160	210	ug/Kg
100-52-7	Benzaldehyde	640		230	340	410	ug/Kg
62-53-3	Aniline	1800		120	160	210	ug/Kg
108-95-2	Phenol	1800		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	1900		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2000		100	340	410	ug/Kg
95-48-7	2-Methylphenol	1800		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	160	210	ug/Kg
98-86-2	Acetophenone	1800		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1800		99.2	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		50.1	99.5	99.5	ug/Kg
67-72-1	Hexachloroethane	1800		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1700		110	160	210	ug/Kg
78-59-1	Isophorone	1900		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	1900		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		93.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		110	160	210	ug/Kg
65-85-0	Benzoic acid	1800		290	340	410	ug/Kg
91-20-3	Naphthalene	1800		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1100		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1700		100	160	210	ug/Kg



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	B-112-SB02MS			SDG No.:	BF052124	
Lab Sample ID:	P2500-02MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.8	
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
BF137978.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2200		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1800		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5000	E	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		92	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1800		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1800		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	1900		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2000		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2000		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1600		110	160	210	ug/Kg
83-32-9	Acenaphthene	2000		100	160	210	ug/Kg
Total PAH	Total PAH	29300		1635.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	3200		300	340	410	ug/Kg
100-02-7	4-Nitrophenol	4300	E	140	340	410	ug/Kg
132-64-9	Dibenzofuran	1900		100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		210	160	420	ug/Kg
84-66-2	Diethylphthalate	2100		99.6	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	1900		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2100		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		100	160	210	ug/Kg
103-33-3	Azobenzene	2000		99	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		98.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1800		110	160	210	ug/Kg
1912-24-9	Atrazine	2400		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02MS	SDG No.:	BF052124
Lab Sample ID:	P2500-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
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
BF137978.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	E	96.1	340	410	ug/Kg
85-01-8	Phenanthrene	1800		100	160	210	ug/Kg
120-12-7	Anthracene	1900		100	160	210	ug/Kg
86-74-8	Carbazole	1900		99.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2200		100	160	210	ug/Kg
206-44-0	Fluoranthene	1800		100	160	210	ug/Kg
92-87-5	Benzidine	3200		200	340	410	ug/Kg
129-00-0	Pyrene	1800		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2600		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2000		100	160	210	ug/Kg
218-01-9	Chrysene	1900		98.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	3000		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2000		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		97.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		99.6	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1400		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		92.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1700		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.113		18-112		63	SPK: -150
13127-88-3	Phenol-d6	95.882		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	62.677		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.274		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02MS	SDG No.:	BF052124
Lab Sample ID:	P2500-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
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
BF137978.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.524		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	68.474		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151401	7.034				
1146-65-2	Naphthalene-d8	600989	8.316				
15067-26-2	Acenaphthene-d10	349319	10.086				
1517-22-2	Phenanthrene-d10	624801	11.58				
1719-03-5	Chrysene-d12	346473	14.227				
1520-96-3	Perylene-d12	341300	15.792				



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	B-112-SB02MSD			SDG No.:	BF052124	
Lab Sample ID:	P2500-02MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.8	
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137979.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1900		110	340	410	ug/Kg
110-86-1	Pyridine	1600		99.4	160	210	ug/Kg
100-52-7	Benzaldehyde	660		230	340	410	ug/Kg
62-53-3	Aniline	1700		120	160	210	ug/Kg
108-95-2	Phenol	1900		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2000		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2000		100	340	410	ug/Kg
95-48-7	2-Methylphenol	1900		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		110	160	210	ug/Kg
98-86-2	Acetophenone	1900		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		99.3	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		50.1	99.6	99.6	ug/Kg
67-72-1	Hexachloroethane	1800		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1800		110	160	210	ug/Kg
78-59-1	Isophorone	1900		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2000		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		94	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	1900		290	340	410	ug/Kg
91-20-3	Naphthalene	1900		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1100		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		100	160	210	ug/Kg



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	B-112-SB02MSD			SDG No.:	BF052124	
Lab Sample ID:	P2500-02MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.8	
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137979.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2000		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5700	E	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		92.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2000		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2000		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2000		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1600		110	160	210	ug/Kg
83-32-9	Acenaphthene	2100		100	160	210	ug/Kg
Total PAH	Total PAH	30700		1645.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	4500	E	140	340	410	ug/Kg
132-64-9	Dibenzofuran	1900		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2000		99.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	1900		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2100		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	210	ug/Kg
103-33-3	Azobenzene	2000		99.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		98.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1900		110	160	210	ug/Kg
1912-24-9	Atrazine	2400		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02MSD	SDG No.:	BF052124
Lab Sample ID:	P2500-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137979.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4000	E	96.2	340	410	ug/Kg
85-01-8	Phenanthrene	2000		100	160	210	ug/Kg
120-12-7	Anthracene	2100		110	160	210	ug/Kg
86-74-8	Carbazole	2000		99.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2200		100	160	210	ug/Kg
206-44-0	Fluoranthene	2100		100	160	210	ug/Kg
92-87-5	Benzidine	3500	E	200	340	410	ug/Kg
129-00-0	Pyrene	1500		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2200		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2100		100	160	210	ug/Kg
218-01-9	Chrysene	2000		98.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	3100		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		97.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		99.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1500		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		93	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.877		18-112		67	SPK: -150
13127-88-3	Phenol-d6	99.391		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	66.984		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	68.97		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB02MSD	SDG No.:	BF052124
Lab Sample ID:	P2500-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137979.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.811		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	55.214		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116614	7.034				
1146-65-2	Naphthalene-d8	444728	8.316				
15067-26-2	Acenaphthene-d10	241401	10.08				
1517-22-2	Phenanthrene-d10	403459	11.574				
1719-03-5	Chrysene-d12	321245	14.233				
1520-96-3	Perylene-d12	335088	15.792				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052124
Lab Sample ID:	P2525-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137980.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.6	U	65.6	88	120	ug/Kg
108-95-2	Phenol	56.1	U	56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	56.5	U	56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.5	U	61.5	88	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	54	U	54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	61.5	U	61.5	88	120	ug/Kg
78-59-1	Isophorone	57.3	U	57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.1	U	58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	88	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.9	U	55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	55.9	U	55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052124
Lab Sample ID:	P2525-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137980.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.9	U	55.9	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	64.3	U	64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.3	U	56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	60.4	U	60.4	88	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	88	120	ug/Kg
Total PAH	Total PAH	897.1	U	897.1	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.5	U	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	57.1	U	57.1	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.7	U	114.7	88	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.4	U	58.4	88	120	ug/Kg
84-66-2	Diethylphthalate	54.2	U	54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	88	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	72.4	U	72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.2	U	79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	88	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	88	120	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052124
Lab Sample ID:	P2525-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137980.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.3	U	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88	120	ug/Kg
120-12-7	Anthracene	57.1	U	57.1	88	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88	120	ug/Kg
206-44-0	Fluoranthene	55.3	U	55.3	88	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.5	U	65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.8	U	66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.6	U	54.6	88	120	ug/Kg
218-01-9	Chrysene	53.8	U	53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.6	U	61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.5	U	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.9	U	54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.9	U	55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.2	U	54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	74.5	U	74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.3	U	56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.616		18-112		58	SPK: -150
13127-88-3	Phenol-d6	88.406		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	57.567		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.712		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052124
Lab Sample ID:	P2525-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137980.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.328		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	58.424		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137700	7.034				
1146-65-2	Naphthalene-d8	540491	8.316				
15067-26-2	Acenaphthene-d10	310911	10.08				
1517-22-2	Phenanthrene-d10	546510	11.574				
1719-03-5	Chrysene-d12	332363	14.221				
1520-96-3	Perylene-d12	336151	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.369	
015594-90-8	1-Heneicosanol	77.9	J			14.057	

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052124
Lab Sample ID:	P2525-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137981.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		58.8	180	220	ug/Kg
110-86-1	Pyridine	910		54.1	88.1	120	ug/Kg
100-52-7	Benzaldehyde	300		120	180	220	ug/Kg
62-53-3	Aniline	570		65.6	88.1	120	ug/Kg
108-95-2	Phenol	1000		56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		57.3	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	960		58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	980		54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	1000		58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	980		54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	960		56.2	88.1	120	ug/Kg
98-95-3	Nitrobenzene	950		61.5	88.1	120	ug/Kg
78-59-1	Isophorone	1000		57.3	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	1000		64	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		63.1	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		58.1	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.1	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	960		160	180	220	ug/Kg
91-20-3	Naphthalene	970		56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	230		56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	940		56.4	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052124
Lab Sample ID:	P2525-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137981.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.1	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.2	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	980		56.4	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	1000		64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	1000		55.3	88.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	630		60.4	88.1	120	ug/Kg
83-32-9	Acenaphthene	1100		54.9	88.1	120	ug/Kg
Total PAH	Total PAH	15770		897.7	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2300	E	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.2	88.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		58.4	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	990		114.8	88.1	240	ug/Kg
84-66-2	Diethylphthalate	1100		54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58	88.1	120	ug/Kg
86-73-7	Fluorene	1000		57.9	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	1100		72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	1100		53.9	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.4	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	990		57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	1300		61.9	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052124
Lab Sample ID:	P2525-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137981.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1000		56.9	88.1	120	ug/Kg
120-12-7	Anthracene	1100		57.2	88.1	120	ug/Kg
86-74-8	Carbazole	1100		54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	1100		55.3	88.1	120	ug/Kg
92-87-5	Benzidine	1600		110	180	220	ug/Kg
129-00-0	Pyrene	800		56.2	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		54.7	88.1	120	ug/Kg
218-01-9	Chrysene	1000		53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.6	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.9	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	820		52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	870		74.5	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	930		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.399		18-112		65	SPK: -150
13127-88-3	Phenol-d6	98.034		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	65.372		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	67.441		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052124
Lab Sample ID:	P2525-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137981.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.917		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	55.344		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106580	7.033				
1146-65-2	Naphthalene-d8	410258	8.316				
15067-26-2	Acenaphthene-d10	226900	10.08				
1517-22-2	Phenanthrene-d10	381299	11.574				
1719-03-5	Chrysene-d12	303748	14.227				
1520-96-3	Perylene-d12	301632	15.786				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052124
Lab Sample ID:	P2525-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137982.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	960		58.8	180	220	ug/Kg
110-86-1	Pyridine	900		54.1	88.1	120	ug/Kg
100-52-7	Benzaldehyde	310		120	180	220	ug/Kg
62-53-3	Aniline	660		65.7	88.1	120	ug/Kg
108-95-2	Phenol	1000		56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	960		57.3	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	930		58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	950		58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	990		58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	950		56.2	88.1	120	ug/Kg
98-95-3	Nitrobenzene	920		61.5	88.1	120	ug/Kg
78-59-1	Isophorone	1000		57.3	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	1000		64	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		63.2	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		58.1	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	940		57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	940		160	180	220	ug/Kg
91-20-3	Naphthalene	950		56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	200		56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	920		56.5	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052124
Lab Sample ID:	P2525-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137982.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.1	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	960		59.2	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	930		56.5	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	1000		64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	1000		55.4	88.1	120	ug/Kg
208-96-8	Acenaphthylene	1000		58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	640		60.5	88.1	120	ug/Kg
83-32-9	Acenaphthene	1000		55	88.1	120	ug/Kg
Total PAH	Total PAH	15310		898	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.2	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		114.8	88.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		58.4	88.1	120	ug/Kg
84-66-2	Diethylphthalate	1100		54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58	88.1	120	ug/Kg
86-73-7	Fluorene	1000		57.9	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	1100		72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	940		79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	1100		53.9	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.5	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	970		57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	1300		61.9	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052124
Lab Sample ID:	P2525-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137982.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800		52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1000		56.9	88.1	120	ug/Kg
120-12-7	Anthracene	1000		57.2	88.1	120	ug/Kg
86-74-8	Carbazole	990		54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	940		55.4	88.1	120	ug/Kg
92-87-5	Benzidine	1700		110	180	220	ug/Kg
129-00-0	Pyrene	970		56.2	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	620		66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		54.7	88.1	120	ug/Kg
218-01-9	Chrysene	1000		53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		61.7	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		55	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790		52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	810		55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	970		58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	820		74.5	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.323		18-112		65	SPK: -150
13127-88-3	Phenol-d6	98.248		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	64.873		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	63.936		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052124
Lab Sample ID:	P2525-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137982.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.08		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	69.045		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142987	7.034				
1146-65-2	Naphthalene-d8	570934	8.316				
15067-26-2	Acenaphthene-d10	336790	10.086				
1517-22-2	Phenanthrene-d10	586588	11.575				
1719-03-5	Chrysene-d12	326310	14.227				
1520-96-3	Perylene-d12	313830	15.786				



Client:			Date Collected:	5/20/2024 12:00:00 AM	
Project:			Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	CONCRETE-COMP		SDG No.:	BF052124	
Lab Sample ID:	P2540-01		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
BF137983.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	CONCRETE-COMP	SDG No.:	BF052124
Lab Sample ID:	P2540-01	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
BF137983.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	CONCRETE-COMP	SDG No.:	BF052124
Lab Sample ID:	P2540-01	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
BF137983.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	32.291		18-112		22	SPK: -150
13127-88-3	Phenol-d6	64.086		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	54.533		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	56.813		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	CONCRETE-COMP	SDG No.:	BF052124
Lab Sample ID:	P2540-01	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
BF137983.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	16.086		10-110		11	SPK: -150
1718-51-0	Terphenyl-d14	63.816		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144293	7.034				
1146-65-2	Naphthalene-d8	568909	8.316				
15067-26-2	Acenaphthene-d10	327525	10.08				
1517-22-2	Phenanthrene-d10	557681	11.574				
1719-03-5	Chrysene-d12	309639	14.221				
1520-96-3	Perylene-d12	303934	15.786				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-03	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
BF137984.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161034

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-03	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
BF137984.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161034

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-03	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
BF137984.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	2800	E	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.221		10-139		78	SPK: -150
13127-88-3	Phenol-d6	108.942		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	86.187		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.863		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-03	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
BF137984.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.488		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	89.733		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138775	7.033				
1146-65-2	Naphthalene-d8	548595	8.316				
15067-26-2	Acenaphthene-d10	323216	10.08				
1517-22-2	Phenanthrene-d10	572391	11.574				
1719-03-5	Chrysene-d12	324066	14.221				
1520-96-3	Perylene-d12	298936	15.786				

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	WCS-TPJDL	SDG No.:	BF052124
Lab Sample ID:	P2512-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137985.D	2	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	360	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.4	U	54.4	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	110	U	110	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	WCS-TPJDL	SDG No.:	BF052124
Lab Sample ID:	P2512-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137985.D	2	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.3	U	96.3	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.8	U	99.8	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	130	JD	110	180	230	ug/Kg
Total PAH	Total PAH	14130	D	1800	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	450	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	180	230	ug/Kg
1912-24-9	Atrazine	120	U	120	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	WCS-TPJDL	SDG No.:	BF052124
Lab Sample ID:	P2512-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF137985.D	2	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	450	ug/Kg
85-01-8	Phenanthrene	1400	D	110	180	230	ug/Kg
120-12-7	Anthracene	370	D	110	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	180	230	ug/Kg
206-44-0	Fluoranthene	2100	D	110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	450	ug/Kg
129-00-0	Pyrene	2100	D	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	450	ug/Kg
56-55-3	Benzo(a)anthracene	1500	D	110	180	230	ug/Kg
218-01-9	Chrysene	1400	D	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800	D	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	580	D	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520	D	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	JD	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	550	D	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.696		18-112		45	SPK: -150
13127-88-3	Phenol-d6	68.616		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	43.024		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	47.498		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	WCS-TPJDL	SDG No.:	BF052124
Lab Sample ID:	P2512-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137985.D	2	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.484		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	44.114		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158950	7.034				
1146-65-2	Naphthalene-d8	627796	8.316				
15067-26-2	Acenaphthene-d10	352222	10.081				
1517-22-2	Phenanthrene-d10	569102	11.575				
1719-03-5	Chrysene-d12	318995	14.228				
1520-96-3	Perylene-d12	323225	15.792				

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB01	SDG No.:	BF052124
Lab Sample ID:	P2500-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF137986.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.8	U	98.8	310	380	ug/Kg
110-86-1	Pyridine	90.9	U	90.9	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.4	U	94.4	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.3	U	95.3	150	190	ug/Kg
95-57-8	2-Chlorophenol	95	U	95	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.3	U	96.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.9	U	97.9	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.5	U	98.5	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.5	U	94.5	310	380	ug/Kg
95-48-7	2-Methylphenol	91.7	U	91.7	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.9	U	98.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.8	U	90.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.9	U	45.9	91.1	91.1	ug/Kg
67-72-1	Hexachloroethane	94.5	U	94.5	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.3	U	96.3	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.7	U	97.7	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.9	U	85.9	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.2	U	97.2	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94	U	94	150	190	ug/Kg
106-47-8	4-Chloroaniline	94	U	94	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.8	U	94.8	150	190	ug/Kg



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	B-112-SB01			SDG No.:	BF052124	
Lab Sample ID:	P2500-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.2	
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
BF137986.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.8	U	98.8	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.2	U	88.2	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.9	U	93.9	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.3	U	81.3	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.2	U	84.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.5	U	99.5	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.8	U	94.8	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93	U	93	150	190	ug/Kg
208-96-8	Acenaphthylene	98.5	U	98.5	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.7	U	94.7	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.3	U	92.3	150	190	ug/Kg
Total PAH	Total PAH	5976.9	U	1512.5	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.1	U	96.1	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.1	U	98.1	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.8	U	192.8	150	380	ug/Kg
84-66-2	Diethylphthalate	91.2	U	91.2	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.4	U	97.4	150	190	ug/Kg
86-73-7	Fluorene	97.3	U	97.3	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.9	U	92.9	150	190	ug/Kg
103-33-3	Azobenzene	90.6	U	90.6	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.8	U	89.8	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.7	U	96.7	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB01	SDG No.:	BF052124
Lab Sample ID:	P2500-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF137986.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88	U	88	310	380	ug/Kg
85-01-8	Phenanthrene	320		95.6	150	190	ug/Kg
120-12-7	Anthracene	96.9	J	96.1	150	190	ug/Kg
86-74-8	Carbazole	91.4	U	91.4	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.9	U	95.9	150	190	ug/Kg
206-44-0	Fluoranthene	970		93	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	920		94.5	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	590		91.9	150	190	ug/Kg
218-01-9	Chrysene	740		90.5	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		92.3	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		94	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	520		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		88.9	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.4	U	92.4	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		91.2	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.8	U	98.8	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.7	U	94.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.131		18-112		61	SPK: -150
13127-88-3	Phenol-d6	94.818		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	64.763		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	60.968		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB01	SDG No.:	BF052124
Lab Sample ID:	P2500-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF137986.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.787		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	59.609		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147957	7.034				
1146-65-2	Naphthalene-d8	586152	8.316				
15067-26-2	Acenaphthene-d10	340711	10.081				
1517-22-2	Phenanthrene-d10	556765	11.575				
1719-03-5	Chrysene-d12	314059	14.227				
1520-96-3	Perylene-d12	306950	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.387	
000544-76-3	Hexadecane	120	J			10.492	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	260	J			10.981	
000593-45-3	Octadecane	140	J			11.416	
000629-92-5	Nonadecane	110	J			11.845	
000057-10-3	n-Hexadecanoic acid	220	J			12.081	
002531-84-2	Phenanthrene, 2-methyl-	120	J			12.104	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	140	J			12.186	
000112-40-3	Dodecane	130	J			12.251	
003674-69-9	Phenanthrene, 4,5-dimethyl-	110	J			12.628	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	130	J			12.645	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			12.71	
002381-21-7	Pyrene, 1-methyl-	150	J			13.233	
003353-12-6	Pyrene, 4-methyl-	110	J			13.451	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			13.857	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			14.063	
028504-24-7	3-Hydroxy-1-methoxyanthraquinone	170	J			15.121	
000192-97-2	Benzo[e]pyrene	140	J			15.433	
000205-82-3	Benzo[j]fluoranthene	490	J			15.651	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B-112-SB01	SDG No.:	BF052124
Lab Sample ID:	P2500-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF137986.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000213-46-7	Picene	160	J			17.674	

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052124
Lab Sample ID:	P2531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	50.09	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
BF137987.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.4	U	63.4	200	240	ug/Kg
110-86-1	Pyridine	58.4	U	58.4	95	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.8	U	70.8	95	120	ug/Kg
108-95-2	Phenol	60.5	U	60.5	95	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.1	U	61.1	95	120	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	95	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.8	U	61.8	95	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.8	U	62.8	95	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.2	U	63.2	95	120	ug/Kg
100-51-6	Benzyl Alcohol	60.6	U	60.6	200	240	ug/Kg
95-48-7	2-Methylphenol	58.9	U	58.9	95	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.4	U	66.4	95	120	ug/Kg
98-86-2	Acetophenone	63.5	U	63.5	95	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.3	U	58.3	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.4	U	29.4	58.4	58.4	ug/Kg
67-72-1	Hexachloroethane	60.6	U	60.6	95	120	ug/Kg
98-95-3	Nitrobenzene	66.3	U	66.3	95	120	ug/Kg
78-59-1	Isophorone	61.8	U	61.8	95	120	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	95	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.1	U	68.1	95	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.7	U	62.7	95	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.1	U	55.1	95	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.4	U	62.4	95	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.3	U	60.3	95	120	ug/Kg
106-47-8	4-Chloroaniline	60.3	U	60.3	95	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.8	U	60.8	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052124
Lab Sample ID:	P2531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	50.09	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
BF137987.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.4	U	63.4	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.6	U	56.6	95	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.3	U	60.3	95	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.2	U	52.2	95	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	95	120	ug/Kg
92-52-4	1,1-Biphenyl	63.8	U	63.8	95	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.8	U	60.8	95	120	ug/Kg
88-74-4	2-Nitroaniline	69.4	U	69.4	95	120	ug/Kg
131-11-3	Dimethylphthalate	59.7	U	59.7	95	120	ug/Kg
208-96-8	Acenaphthylene	63.2	U	63.2	95	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.8	U	60.8	95	120	ug/Kg
99-09-2	3-Nitroaniline	65.2	U	65.2	95	120	ug/Kg
83-32-9	Acenaphthene	59.2	U	59.2	95	120	ug/Kg
Total PAH	Total PAH	967.6	U	967.6	95	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84.7	U	84.7	200	240	ug/Kg
132-64-9	Dibenzofuran	61.6	U	61.6	95	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	123.8	U	123.8	95	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	95	120	ug/Kg
84-66-2	Diethylphthalate	58.5	U	58.5	95	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.5	U	62.5	95	120	ug/Kg
86-73-7	Fluorene	62.4	U	62.4	95	120	ug/Kg
100-01-6	4-Nitroaniline	78.2	U	78.2	95	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.5	U	85.5	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.6	U	59.6	95	120	ug/Kg
103-33-3	Azobenzene	58.1	U	58.1	95	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.6	U	57.6	95	120	ug/Kg
118-74-1	Hexachlorobenzene	62.1	U	62.1	95	120	ug/Kg
1912-24-9	Atrazine	66.8	U	66.8	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052124
Lab Sample ID:	P2531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	50.09	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
BF137987.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.5	U	56.5	200	240	ug/Kg
85-01-8	Phenanthrene	61.4	U	61.4	95	120	ug/Kg
120-12-7	Anthracene	61.6	U	61.6	95	120	ug/Kg
86-74-8	Carbazole	58.7	U	58.7	95	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.6	U	61.6	95	120	ug/Kg
206-44-0	Fluoranthene	59.7	U	59.7	95	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	60.6	U	60.6	95	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.7	U	70.7	95	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	58.9	U	58.9	95	120	ug/Kg
218-01-9	Chrysene	58.1	U	58.1	95	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.5	U	66.5	95	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.3	U	80.3	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.3	J	59.2	95	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.3	U	60.3	95	120	ug/Kg
50-32-8	Benzo(a)pyrene	68.7	J	67.9	95	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	95	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59.3	U	59.3	95	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.5	U	58.5	95	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.4	U	63.4	95	120	ug/Kg
123-91-1	1,4-Dioxane	80.3	U	80.3	95	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	95	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.8	U	60.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.157		18-112		57	SPK: -150
13127-88-3	Phenol-d6	88.562		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	57.202		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	56.356		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052124
Lab Sample ID:	P2531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	50.09	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
BF137987.D	1	5/20/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.366		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	55.3		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149814	7.034				
1146-65-2	Naphthalene-d8	597795	8.316				
15067-26-2	Acenaphthene-d10	345500	10.08				
1517-22-2	Phenanthrene-d10	578388	11.574				
1719-03-5	Chrysene-d12	329343	14.221				
1520-96-3	Perylene-d12	318442	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	61.8	A			5.275	
015594-90-8	1-Heneicosanol	64.8	J			14.063	
000192-97-2	Benzo[c]pyrene	51.6	J			15.645	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137988.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	72.1	U	72.1	220	270	ug/Kg
110-86-1	Pyridine	66.4	U	66.4	110	140	ug/Kg
100-52-7	Benzaldehyde	150	U	150	220	270	ug/Kg
62-53-3	Aniline	80.5	U	80.5	110	140	ug/Kg
108-95-2	Phenol	68.9	U	68.9	110	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	69.6	U	69.6	110	140	ug/Kg
95-57-8	2-Chlorophenol	69.4	U	69.4	110	140	ug/Kg
95-50-1	1,2-Dichlorobenzene	70.3	U	70.3	110	140	ug/Kg
541-73-1	1,3-Dichlorobenzene	71.5	U	71.5	110	140	ug/Kg
106-46-7	1,4-Dichlorobenzene	71.9	U	71.9	110	140	ug/Kg
100-51-6	Benzyl Alcohol	69	U	69	220	270	ug/Kg
95-48-7	2-Methylphenol	67	U	67	110	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75.5	U	75.5	110	140	ug/Kg
98-86-2	Acetophenone	72.2	U	72.2	110	140	ug/Kg
65794-96-9	3+4-Methylphenols	66.3	U	66.3	220	270	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	33.5	U	33.5	66.5	66.5	ug/Kg
67-72-1	Hexachloroethane	69	U	69	110	140	ug/Kg
98-95-3	Nitrobenzene	75.5	U	75.5	110	140	ug/Kg
78-59-1	Isophorone	70.3	U	70.3	110	140	ug/Kg
88-75-5	2-Nitrophenol	78.5	U	78.5	110	140	ug/Kg
105-67-9	2,4-Dimethylphenol	77.5	U	77.5	110	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	71.3	U	71.3	110	140	ug/Kg
120-83-2	2,4-Dichlorophenol	62.7	U	62.7	110	140	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	71	U	71	110	140	ug/Kg
65-85-0	Benzoic acid	200	U	200	220	270	ug/Kg
91-20-3	Naphthalene	68.6	U	68.6	110	140	ug/Kg
106-47-8	4-Chloroaniline	68.6	U	68.6	110	140	ug/Kg
87-68-3	Hexachlorobutadiene	69.2	U	69.2	110	140	ug/Kg



Client:			Date Collected:	5/20/2024 12:00:00 AM	
Project:			Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	POLE-SLEEVE-SOIL		SDG No.:	BF052124	
Lab Sample ID:	P2538-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	27.9	
Sample Wt/Vol:	50.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137988.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	72.1	U	72.1	220	270	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64.4	U	64.4	110	140	ug/Kg
91-57-6	2-Methylnaphthalene	68.6	U	68.6	110	140	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	220	270	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59.3	U	59.3	110	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.5	U	61.5	110	140	ug/Kg
92-52-4	1,1-Biphenyl	72.6	U	72.6	110	140	ug/Kg
91-58-7	2-Chloronaphthalene	69.2	U	69.2	110	140	ug/Kg
88-74-4	2-Nitroaniline	78.9	U	78.9	110	140	ug/Kg
131-11-3	Dimethylphthalate	67.9	U	67.9	110	140	ug/Kg
208-96-8	Acenaphthylene	71.9	U	71.9	110	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	69.1	U	69.1	110	140	ug/Kg
99-09-2	3-Nitroaniline	74.1	U	74.1	110	140	ug/Kg
83-32-9	Acenaphthene	140		67.4	110	140	ug/Kg
Total PAH	Total PAH	6440		1101.3	110	2240	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	220	270	ug/Kg
100-02-7	4-Nitrophenol	96.4	U	96.4	220	270	ug/Kg
132-64-9	Dibenzofuran	70.1	U	70.1	110	140	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	40.7	U	140.7	110	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.6	U	71.6	110	140	ug/Kg
84-66-2	Diethylphthalate	66.6	U	66.6	110	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	71.1	U	71.1	110	140	ug/Kg
86-73-7	Fluorene	150		71.1	110	140	ug/Kg
100-01-6	4-Nitroaniline	88.9	U	88.9	110	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97.2	U	97.2	220	270	ug/Kg
86-30-6	n-Nitrosodiphenylamine	67.8	U	67.8	110	140	ug/Kg
103-33-3	Azobenzene	66.1	U	66.1	110	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65.6	U	65.6	110	140	ug/Kg
118-74-1	Hexachlorobenzene	70.6	U	70.6	110	140	ug/Kg
1912-24-9	Atrazine	76	U	76	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137988.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	64.2	U	64.2	220	270	ug/Kg
85-01-8	Phenanthrene	950		69.8	110	140	ug/Kg
120-12-7	Anthracene	260		70.1	110	140	ug/Kg
86-74-8	Carbazole	66.7	U	66.7	110	140	ug/Kg
84-74-2	Di-n-butylphthalate	260		70.1	110	140	ug/Kg
206-44-0	Fluoranthene	1100		67.9	110	140	ug/Kg
92-87-5	Benzidine	140	U	140	220	270	ug/Kg
129-00-0	Pyrene	1000		69	110	140	ug/Kg
85-68-7	Butylbenzylphthalate	6300	E	80.4	110	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81.9	U	81.9	220	270	ug/Kg
56-55-3	Benzo(a)anthracene	590		67.1	110	140	ug/Kg
218-01-9	Chrysene	530		66.1	110	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.6	U	75.6	110	140	ug/Kg
117-84-0	Di-n-octyl phthalate	91.4	U	91.4	220	270	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		67.4	110	140	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		68.6	110	140	ug/Kg
50-32-8	Benzo(a)pyrene	540		77.3	110	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160		64.9	110	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.5	U	67.5	110	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		66.6	110	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72.1	U	72.1	110	140	ug/Kg
123-91-1	1,4-Dioxane	91.4	U	91.4	110	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62.1	U	62.1	110	140	ug/Kg
90-12-0	1-Methylnaphthalene	69.1	U	69.1	140	140	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.373		18-112		68	SPK: -150
13127-88-3	Phenol-d6	105.446		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	69.524		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	64.758		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137988.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.856		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	58.928		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155369	7.034				
1146-65-2	Naphthalene-d8	609082	8.316				
15067-26-2	Acenaphthene-d10	348567	10.081				
1517-22-2	Phenanthrene-d10	559024	11.575				
1719-03-5	Chrysene-d12	327326	14.227				
1520-96-3	Perylene-d12	321847	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.369	
	unknown10.163	66.8	J			10.163	
	unknown10.980	65.4	J			10.98	
001730-37-6	9H-Fluorene, 1-methyl-	63.2	J			11.175	
000233-02-3	Naphtho[2,1-b]thiophene	71.2	J			11.469	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			12.192	
000612-94-2	Naphthalene, 2-phenyl-	81.4	J			12.369	
000084-65-1	9,10-Anthracenedione	56	J			12.398	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			12.628	
000781-43-1	9,10-Dimethylantracene	59.3	J			12.716	
000057-11-4	Octadecanoic acid	61.5	J			12.869	
033543-31-6	Fluoranthene, 2-methyl-	70.9	J			13.233	
000243-17-4	11H-Benzo[b]fluorene	92.8	J			13.351	
002381-21-7	Pyrene, 1-methyl-	71.7	J			13.416	
003353-12-6	Pyrene, 4-methyl-	64.5	J			13.457	
000479-79-8	11H-Benzo[a]fluoren-11-one	93.4	J			14.069	
000523-31-9	Dibenzyl phthalate	180	J			15.039	
000192-97-2	Benzo[e]pyrene	85	J			15.433	
000198-55-0	Perylene	330	J			15.651	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOIL	SDG No.:	BF052124
Lab Sample ID:	P2538-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137988.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	78.9	J			18.162	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMS	SDG No.:	BF052124
Lab Sample ID:	P2538-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137989.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		72.2	220	270	ug/Kg
110-86-1	Pyridine	610		66.4	110	140	ug/Kg
100-52-7	Benzaldehyde	380		150	220	270	ug/Kg
62-53-3	Aniline	780		80.6	110	140	ug/Kg
108-95-2	Phenol	1200		68.9	110	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		69.6	110	140	ug/Kg
95-57-8	2-Chlorophenol	1200		69.4	110	140	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		70.3	110	140	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		71.5	110	140	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		71.9	110	140	ug/Kg
100-51-6	Benzyl Alcohol	1300		69	220	270	ug/Kg
95-48-7	2-Methylphenol	1200		67	110	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		75.6	110	140	ug/Kg
98-86-2	Acetophenone	1100		72.3	110	140	ug/Kg
65794-96-9	3+4-Methylphenols	1200		66.4	220	270	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		33.5	66.5	66.5	ug/Kg
67-72-1	Hexachloroethane	1100		69	110	140	ug/Kg
98-95-3	Nitrobenzene	1100		75.5	110	140	ug/Kg
78-59-1	Isophorone	1200		70.3	110	140	ug/Kg
88-75-5	2-Nitrophenol	1200		78.6	110	140	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		77.5	110	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		71.3	110	140	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		62.8	110	140	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		71	110	140	ug/Kg
65-85-0	Benzoic acid	1200		200	220	270	ug/Kg
91-20-3	Naphthalene	1100		68.7	110	140	ug/Kg
106-47-8	4-Chloroaniline	930		68.7	110	140	ug/Kg
87-68-3	Hexachlorobutadiene	1100		69.3	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMS	SDG No.:	BF052124
Lab Sample ID:	P2538-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137989.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		72.2	220	270	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		64.4	110	140	ug/Kg
91-57-6	2-Methylnaphthalene	1200		68.6	110	140	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	130	220	270	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		59.4	110	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		61.5	110	140	ug/Kg
92-52-4	1,1-Biphenyl	1200		72.7	110	140	ug/Kg
91-58-7	2-Chloronaphthalene	1100		69.3	110	140	ug/Kg
88-74-4	2-Nitroaniline	1200		79	110	140	ug/Kg
131-11-3	Dimethylphthalate	1200		67.9	110	140	ug/Kg
208-96-8	Acenaphthylene	1300		71.9	110	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		69.2	110	140	ug/Kg
99-09-2	3-Nitroaniline	1200		74.2	110	140	ug/Kg
83-32-9	Acenaphthene	1300		67.4	110	140	ug/Kg
Total PAH	Total PAH	22460		1101.6	110	2240	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		200	220	270	ug/Kg
100-02-7	4-Nitrophenol	2500	E	96.5	220	270	ug/Kg
132-64-9	Dibenzofuran	1200		70.2	110	140	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		71.7	110	140	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		140.9	110	280	ug/Kg
84-66-2	Diethylphthalate	1300		66.6	110	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		71.2	110	140	ug/Kg
86-73-7	Fluorene	1200		71.1	110	140	ug/Kg
100-01-6	4-Nitroaniline	1200		89	110	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		97.3	220	270	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		67.9	110	140	ug/Kg
103-33-3	Azobenzene	1200		66.2	110	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		65.6	110	140	ug/Kg
118-74-1	Hexachlorobenzene	1200		70.7	110	140	ug/Kg
1912-24-9	Atrazine	1600		76	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMS	SDG No.:	BF052124
Lab Sample ID:	P2538-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137989.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	64.3	220	270	ug/Kg
85-01-8	Phenanthrene	1800		69.8	110	140	ug/Kg
120-12-7	Anthracene	1400		70.2	110	140	ug/Kg
86-74-8	Carbazole	1200		66.8	110	140	ug/Kg
84-74-2	Di-n-butylphthalate	1500		70.1	110	140	ug/Kg
206-44-0	Fluoranthene	1800		67.9	110	140	ug/Kg
92-87-5	Benzidine	1000		140	220	270	ug/Kg
129-00-0	Pyrene	1700		69	110	140	ug/Kg
85-68-7	Butylbenzylphthalate	6500	E	80.5	110	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		82	220	270	ug/Kg
56-55-3	Benzo(a)anthracene	1700		67.1	110	140	ug/Kg
218-01-9	Chrysene	1600		66.1	110	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		75.7	110	140	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		91.5	220	270	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		67.4	110	140	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		68.7	110	140	ug/Kg
50-32-8	Benzo(a)pyrene	1700		77.3	110	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		64.9	110	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		67.5	110	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		66.6	110	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		72.2	110	140	ug/Kg
123-91-1	1,4-Dioxane	930		91.5	110	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		62.1	110	140	ug/Kg
90-12-0	1-Methylnaphthalene	1100		69.2	140	140	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.456		18-112		59	SPK: -150
13127-88-3	Phenol-d6	90.919		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	58.922		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	56.991		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMS	SDG No.:	BF052124
Lab Sample ID:	P2538-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137989.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.255		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	50.022		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167083	7.034				
1146-65-2	Naphthalene-d8	665481	8.322				
15067-26-2	Acenaphthene-d10	372214	10.086				
1517-22-2	Phenanthrene-d10	584622	11.58				
1719-03-5	Chrysene-d12	333428	14.233				
1520-96-3	Perylene-d12	314374	15.792				



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	POLE-SLEEVE-SOILMSD			SDG No.:	BF052124	
Lab Sample ID:	P2538-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	27.9	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137990.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		72.2	220	270	ug/Kg
110-86-1	Pyridine	1100		66.5	110	140	ug/Kg
100-52-7	Benzaldehyde	440		150	220	270	ug/Kg
62-53-3	Aniline	1200		80.6	110	140	ug/Kg
108-95-2	Phenol	1400		69	110	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		69.6	110	140	ug/Kg
95-57-8	2-Chlorophenol	1400		69.5	110	140	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		70.4	110	140	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		71.5	110	140	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		72	110	140	ug/Kg
100-51-6	Benzyl Alcohol	1500		69	220	270	ug/Kg
95-48-7	2-Methylphenol	1400		67	110	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		75.6	110	140	ug/Kg
98-86-2	Acetophenone	1300		72.3	110	140	ug/Kg
65794-96-9	3+4-Methylphenols	1400		66.4	220	270	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		33.5	66.5	66.5	ug/Kg
67-72-1	Hexachloroethane	1300		69	110	140	ug/Kg
98-95-3	Nitrobenzene	1200		75.5	110	140	ug/Kg
78-59-1	Isophorone	1300		70.4	110	140	ug/Kg
88-75-5	2-Nitrophenol	1400		78.6	110	140	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		77.5	110	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		71.4	110	140	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		62.8	110	140	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		71	110	140	ug/Kg
65-85-0	Benzoic acid	1300		200	220	270	ug/Kg
91-20-3	Naphthalene	1300		68.7	110	140	ug/Kg
106-47-8	4-Chloroaniline	1200		68.7	110	140	ug/Kg
87-68-3	Hexachlorobutadiene	1200		69.3	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMSD	SDG No.:	BF052124
Lab Sample ID:	P2538-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137990.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		72.2	220	270	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		64.5	110	140	ug/Kg
91-57-6	2-Methylnaphthalene	1300		68.6	110	140	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	130	220	270	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		59.4	110	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		61.6	110	140	ug/Kg
92-52-4	1,1-Biphenyl	1400		72.7	110	140	ug/Kg
91-58-7	2-Chloronaphthalene	1300		69.3	110	140	ug/Kg
88-74-4	2-Nitroaniline	1400		79	110	140	ug/Kg
131-11-3	Dimethylphthalate	1400		68	110	140	ug/Kg
208-96-8	Acenaphthylene	1400		72	110	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		69.2	110	140	ug/Kg
99-09-2	3-Nitroaniline	1300		74.2	110	140	ug/Kg
83-32-9	Acenaphthene	1500		67.5	110	140	ug/Kg
Total PAH	Total PAH	26240		1102.3	110	2240	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		200	220	270	ug/Kg
100-02-7	4-Nitrophenol	2700	E	96.5	220	270	ug/Kg
132-64-9	Dibenzofuran	1400		70.2	110	140	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		71.7	110	140	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2700		140.9	110	280	ug/Kg
84-66-2	Diethylphthalate	1400		66.6	110	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		71.2	110	140	ug/Kg
86-73-7	Fluorene	1400		71.1	110	140	ug/Kg
100-01-6	4-Nitroaniline	1300		89	110	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		97.3	220	270	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		67.9	110	140	ug/Kg
103-33-3	Azobenzene	1300		66.2	110	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		65.6	110	140	ug/Kg
118-74-1	Hexachlorobenzene	1400		70.7	110	140	ug/Kg
1912-24-9	Atrazine	1700		76	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMSD	SDG No.:	BF052124
Lab Sample ID:	P2538-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137990.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	64.3	220	270	ug/Kg
85-01-8	Phenanthrene	2100		69.9	110	140	ug/Kg
120-12-7	Anthracene	1600		70.2	110	140	ug/Kg
86-74-8	Carbazole	1300		66.8	110	140	ug/Kg
84-74-2	Di-n-butylphthalate	1700		70.1	110	140	ug/Kg
206-44-0	Fluoranthene	2200		68	110	140	ug/Kg
92-87-5	Benzidine	1100		140	220	270	ug/Kg
129-00-0	Pyrene	1800		69	110	140	ug/Kg
85-68-7	Butylbenzylphthalate	6400	E	80.5	110	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		82	220	270	ug/Kg
56-55-3	Benzo(a)anthracene	1900		67.1	110	140	ug/Kg
218-01-9	Chrysene	1900		66.1	110	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		75.7	110	140	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		91.5	220	270	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	E	67.5	110	140	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		68.7	110	140	ug/Kg
50-32-8	Benzo(a)pyrene	2000		77.4	110	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		65	110	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940		67.5	110	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		66.6	110	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		72.2	110	140	ug/Kg
123-91-1	1,4-Dioxane	1100		91.5	110	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		62.1	110	140	ug/Kg
90-12-0	1-Methylnaphthalene	1200		69.2	140	140	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.086		18-112		69	SPK: -150
13127-88-3	Phenol-d6	105.482		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	69.12		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	66.303		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILMSD	SDG No.:	BF052124
Lab Sample ID:	P2538-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137990.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.856		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	49.164		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142229	7.034				
1146-65-2	Naphthalene-d8	558501	8.322				
15067-26-2	Acenaphthene-d10	303045	10.086				
1517-22-2	Phenanthrene-d10	443539	11.58				
1719-03-5	Chrysene-d12	313417	14.233				
1520-96-3	Perylene-d12	265465	15.792				

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B2COMP(0-8)	SDG No.:	BF052124
Lab Sample ID:	P2519-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF137991.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.1	U	94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.6	U	97.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.5	U	98.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.3	U	98.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.6	U	99.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.7	U	97.7	320	390	ug/Kg
95-48-7	2-Methylphenol	94.9	U	94.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.9	U	93.9	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	97.7	U	97.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.6	U	99.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.9	U	88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.2	U	97.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.2	U	97.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.1	U	98.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B2COMP(0-8)	SDG No.:	BF052124
Lab Sample ID:	P2519-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF137991.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.2	U	91.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.1	U	97.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.1	U	84.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.1	U	87.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.1	U	98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.2	U	96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98	U	98	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.5	U	95.5	150	200	ug/Kg
Total PAH	Total PAH	10400	U	1558	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.4	U	99.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98	U	198	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	94.3	U	94.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.1	U	96.1	150	200	ug/Kg
103-33-3	Azobenzene	93.7	U	93.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.9	U	92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B2COMP(0-8)	SDG No.:	BF052124
Lab Sample ID:	P2519-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF137991.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91	U	91	320	390	ug/Kg
85-01-8	Phenanthrene	1300		98.9	150	200	ug/Kg
120-12-7	Anthracene	270		99.4	150	200	ug/Kg
86-74-8	Carbazole	110	J	94.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.2	U	99.2	150	200	ug/Kg
206-44-0	Fluoranthene	1900		96.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	1300		97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	1000		95	150	200	ug/Kg
218-01-9	Chrysene	970		93.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		97.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	930		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		94.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.9	U	87.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98	U	98	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	36.432		18-112		24	SPK: -150
13127-88-3	Phenol-d6	83.007		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59.836		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	60.952		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	B2COMP(0-8)	SDG No.:	BF052124
Lab Sample ID:	P2519-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BF137991.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	15.258		10-110		10	SPK: -150
1718-51-0	Terphenyl-d14	45.641		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152455	7.034				
1146-65-2	Naphthalene-d8	584331	8.316				
15067-26-2	Acenaphthene-d10	308084	10.081				
1517-22-2	Phenanthrene-d10	421273	11.575				
1719-03-5	Chrysene-d12	303179	14.227				
1520-96-3	Perylene-d12	228838	15.792				

Report of Analysis

Client:				Date Collected:	5/20/2024 12:00:00 AM		
Project:				Date Received:	5/20/2024 12:00:00 AM		
Client Sample ID:	WCS-TPQ			SDG No.:	BF052124		
Lab Sample ID:	P2539-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.4		
Sample Wt/Vol:	50.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137992.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.4	U	59.4	180	230	ug/Kg
110-86-1	Pyridine	54.7	U	54.7	88.9	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.3	U	66.3	88.9	120	ug/Kg
108-95-2	Phenol	56.7	U	56.7	88.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.3	U	57.3	88.9	120	ug/Kg
95-57-8	2-Chlorophenol	57.1	U	57.1	88.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.9	U	57.9	88.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.8	U	58.8	88.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.2	U	59.2	88.9	120	ug/Kg
100-51-6	Benzyl Alcohol	56.8	U	56.8	180	230	ug/Kg
95-48-7	2-Methylphenol	55.1	U	55.1	88.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.2	U	62.2	88.9	120	ug/Kg
98-86-2	Acetophenone	59.4	U	59.4	88.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.6	U	54.6	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.7	54.7	ug/Kg
67-72-1	Hexachloroethane	56.8	U	56.8	88.9	120	ug/Kg
98-95-3	Nitrobenzene	62.1	U	62.1	88.9	120	ug/Kg
78-59-1	Isophorone	57.9	U	57.9	88.9	120	ug/Kg
88-75-5	2-Nitrophenol	64.6	U	64.6	88.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.8	U	63.8	88.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.7	U	58.7	88.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.7	U	51.7	88.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.4	U	58.4	88.9	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	88.9	120	ug/Kg
106-47-8	4-Chloroaniline	56.5	U	56.5	88.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	88.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052124
Lab Sample ID:	P2539-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137992.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.4	U	59.4	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	88.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.4	U	56.4	88.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.8	U	48.8	88.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.6	U	50.6	88.9	120	ug/Kg
92-52-4	1,1-Biphenyl	59.8	U	59.8	88.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	88.9	120	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	88.9	120	ug/Kg
131-11-3	Dimethylphthalate	55.9	U	55.9	88.9	120	ug/Kg
208-96-8	Acenaphthylene	59.2	U	59.2	88.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.9	U	56.9	88.9	120	ug/Kg
99-09-2	3-Nitroaniline	61	U	61	88.9	120	ug/Kg
83-32-9	Acenaphthene	55.5	U	55.5	88.9	120	ug/Kg
Total PAH	Total PAH	906.5	U	906.5	88.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.4	U	79.4	180	230	ug/Kg
132-64-9	Dibenzofuran	57.7	U	57.7	88.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	88.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.9	U	115.9	88.9	240	ug/Kg
84-66-2	Diethylphthalate	54.8	U	54.8	88.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.6	U	58.6	88.9	120	ug/Kg
86-73-7	Fluorene	58.5	U	58.5	88.9	120	ug/Kg
100-01-6	4-Nitroaniline	73.2	U	73.2	88.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.8	U	55.8	88.9	120	ug/Kg
103-33-3	Azobenzene	54.5	U	54.5	88.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	88.9	120	ug/Kg
118-74-1	Hexachlorobenzene	58.1	U	58.1	88.9	120	ug/Kg
1912-24-9	Atrazine	62.5	U	62.5	88.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052124
Lab Sample ID:	P2539-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137992.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.9	U	52.9	180	230	ug/Kg
85-01-8	Phenanthrene	57.5	U	57.5	88.9	120	ug/Kg
120-12-7	Anthracene	57.7	U	57.7	88.9	120	ug/Kg
86-74-8	Carbazole	54.9	U	54.9	88.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.7	U	57.7	88.9	120	ug/Kg
206-44-0	Fluoranthene	55.9	U	55.9	88.9	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.8	U	56.8	88.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.2	U	66.2	88.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.5	U	67.5	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.2	U	55.2	88.9	120	ug/Kg
218-01-9	Chrysene	54.4	U	54.4	88.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.3	U	62.3	88.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.3	U	75.3	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.5	U	55.5	88.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.5	U	56.5	88.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.6	U	63.6	88.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.4	U	53.4	88.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.5	U	55.5	88.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.8	U	54.8	88.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.4	U	59.4	88.9	120	ug/Kg
123-91-1	1,4-Dioxane	75.3	U	75.3	88.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.1	U	51.1	88.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.9	U	56.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.739		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.657		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.637		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	48.386		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052124
Lab Sample ID:	P2539-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137992.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.027		10-110		42	SPK: -150
1718-51-0	Terphenyl-d14	37.289		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151937	7.034				
1146-65-2	Naphthalene-d8	580319	8.316				
15067-26-2	Acenaphthene-d10	314274	10.081				
1517-22-2	Phenanthrene-d10	438027	11.575				
1719-03-5	Chrysene-d12	320934	14.221				
1520-96-3	Perylene-d12	225265	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	47	J			2.163	
000994-05-8	Butane, 2-methoxy-2-methyl-	820	J			2.381	
000629-78-7	Heptadecane	77.3	J			10.969	
000057-10-3	n-Hexadecanoic acid	50.9	J			12.075	
000301-02-0	9-Octadecenamide, (Z)-	85.3	J			13.627	
016980-85-1	Pentacos-1-ene	60.9	J			14.057	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BF052124
Lab Sample ID:	P2539-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137993.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63	U	63	84.5	110	ug/Kg
108-95-2	Phenol	53.9	U	53.9	84.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	84.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.5	110	ug/Kg
100-51-6	Benzyl Alcohol	54	U	54	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	59.1	84.5	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.9	U	51.9	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.5	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.5	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.5	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.6	U	60.6	84.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.8	U	55.8	84.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.1	U	49.1	84.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.5	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BF052124
Lab Sample ID:	P2539-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137993.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.4	U	50.4	84.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.5	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.5	110	ug/Kg
88-74-4	2-Nitroaniline	61.8	U	61.8	84.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.5	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.1	U	54.1	84.5	110	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	84.5	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.5	110	ug/Kg
Total PAH	Total PAH	861.6	U	861.6	84.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.4	U	75.4	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.1	U	110.1	84.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.5	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.5	110	ug/Kg
86-73-7	Fluorene	55.6	U	55.6	84.5	110	ug/Kg
100-01-6	4-Nitroaniline	69.6	U	69.6	84.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.1	U	76.1	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.1	U	53.1	84.5	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.3	U	51.3	84.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.5	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BF052124
Lab Sample ID:	P2539-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.1	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
BF137993.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.3	U	50.3	180	210	ug/Kg
85-01-8	Phenanthrene	130		54.6	84.5	110	ug/Kg
120-12-7	Anthracene	54.9	U	54.9	84.5	110	ug/Kg
86-74-8	Carbazole	52.2	U	52.2	84.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.5	110	ug/Kg
206-44-0	Fluoranthene	77.7	J	53.1	84.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	110		54	84.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.1	U	64.1	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.5	U	52.5	84.5	110	ug/Kg
218-01-9	Chrysene	64.2	J	51.7	84.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	84.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.5	U	71.5	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		52.7	84.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.7	U	53.7	84.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	140		60.5	84.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61.1	J	50.8	84.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.8	U	52.8	84.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72.4	J	52.1	84.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.5	110	ug/Kg
123-91-1	1,4-Dioxane	71.5	U	71.5	84.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.1	U	54.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	42.693		18-112		28	SPK: -150
13127-88-3	Phenol-d6	43.454		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	28.081		18-107		28	SPK: -100
321-60-8	2-Fluorobiphenyl	31.947		20-109		32	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BF052124
Lab Sample ID:	P2539-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137993.D	1	5/21/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	35.516		10-110		24	SPK: -150
1718-51-0	Terphenyl-d14	23.034		14-112		23	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153697	7.033				
1146-65-2	Naphthalene-d8	582401	8.316				
15067-26-2	Acenaphthene-d10	293554	10.08				
1517-22-2	Phenanthrene-d10	403843	11.574				
1719-03-5	Chrysene-d12	321745	14.227				
1520-96-3	Perylene-d12	221111	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	220	J			2.351	
000544-76-3	Hexadecane	52.9	J			10.492	
000629-94-7	Heneicosane	100	J			10.969	
000629-99-2	Pentacosane	52.7	J			11.416	
002531-84-2	Phenanthrene, 2-methyl-	60.7	J			12.074	
000192-97-2	Benzo[e]pyrene	120	J			15.651	

Hit Summary Sheet SW-846

SDG No.: BF052124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-112-SB01								
P2500-01	B-112-SB01	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2500-01	B-112-SB01	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	140.000	J		
P2500-01	B-112-SB01	Solid	3-Hydroxy-1-methoxyanthraquinone	*	170.000	J		
P2500-01	B-112-SB01	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2500-01	B-112-SB01	Solid	Benzo[e]pyrene	*	140.000	J		
P2500-01	B-112-SB01	Solid	Benzo[j]fluoranthene	*	490.000	J		
P2500-01	B-112-SB01	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P2500-01	B-112-SB01	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2500-01	B-112-SB01	Solid	Dodecane	*	130.000	J		
P2500-01	B-112-SB01	Solid	Heptadecane, 2,6,10,15-tetramethyl-	*	130.000	J		
P2500-01	B-112-SB01	Solid	Hexadecane	*	120.000	J		
P2500-01	B-112-SB01	Solid	Hexadecane, 2,6,10,14-tetramethyl-	*	260.000	J		
P2500-01	B-112-SB01	Solid	n-Hexadecanoic acid	*	220.000	J		
P2500-01	B-112-SB01	Solid	Nonadecane	*	110.000	J		
P2500-01	B-112-SB01	Solid	Octadecane	*	140.000	J		
P2500-01	B-112-SB01	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P2500-01	B-112-SB01	Solid	Phenanthrene, 4,5-dimethyl-	*	110.000	J		
P2500-01	B-112-SB01	Solid	Picene	*	160.000	J		
P2500-01	B-112-SB01	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2500-01	B-112-SB01	Solid	Pyrene, 4-methyl-	*	110.000	J		
			Total Tics :		5,360.00			
P2500-01	B-112-SB01	Solid	Anthracene		96.900	J	96.1	190 ug/Kg
P2500-01	B-112-SB01	Solid	Benzo(a)anthracene		590.000		91.9	190 ug/Kg
P2500-01	B-112-SB01	Solid	Benzo(a)pyrene		520.000		110	190 ug/Kg
P2500-01	B-112-SB01	Solid	Benzo(b)fluoranthene		1,100.000		92.3	190 ug/Kg
P2500-01	B-112-SB01	Solid	Benzo(g,h,i)perylene		190.000		91.2	190 ug/Kg
P2500-01	B-112-SB01	Solid	Benzo(k)fluoranthene		320.000		94	190 ug/Kg
P2500-01	B-112-SB01	Solid	Chrysene		740.000		90.5	190 ug/Kg
P2500-01	B-112-SB01	Solid	Fluoranthene		970.000		93	190 ug/Kg
P2500-01	B-112-SB01	Solid	Indeno(1,2,3-cd)pyrene		210.000		88.9	190 ug/Kg
P2500-01	B-112-SB01	Solid	Phenanthrene		320.000		95.6	190 ug/Kg
P2500-01	B-112-SB01	Solid	Pyrene		920.000		94.5	190 ug/Kg
			Total Svoc :		5,976.90			
			Total Concentration:		11,336.90			
Client ID : B-112-SB02								
P2500-02	B-112-SB02	Solid	Behenic alcohol	*	220.000	J		
P2500-02	B-112-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BF052124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2500-02	B-112-SB02	Solid	n-Hexadecanoic acid	*	100.000	J		
P2500-02	B-112-SB02	Solid	Propylene Glycol	*	97.200	J		
Total Tics :					2,517.20			
Total Concentration:					2,517.20			
Client ID : WCS-TPJDL								
P2512-01DL	WCS-TPJDL	Solid	Acenaphthene	130.000	JD	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Anthracene	370.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Benzo(a)anthracene	1,500.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Benzo(a)pyrene	1,500.000	D	130	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Benzo(b)fluoranthene	1,800.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Benzo(g,h,i)perylene	550.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Benzo(k)fluoranthene	580.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Chrysene	1,400.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Dibenzo(a,h)anthracene	180.000	JD	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Fluoranthene	2,100.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Indeno(1,2,3-cd)pyrene	520.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Phenanthrene	1,400.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Pyrene	2,100.000	D	110	230	ug/Kg
P2512-01DL	WCS-TPJDL	Solid	Total PAH	14,130.000	D	1800	3680	ug/Kg
Total Svoc :					28,260.00			
Total Concentration:					28,260.00			
Client ID : B2COMP(0-8)								
P2519-01	B2COMP(0-8)	Solid	Anthracene	270.000		99.4	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Benzo(a)anthracene	1,000.000		95	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Benzo(a)pyrene	930.000		110	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Benzo(b)fluoranthene	1,400.000		95.5	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Benzo(g,h,i)perylene	420.000		94.3	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Benzo(k)fluoranthene	420.000		97.2	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Carbazole	110.000	J	94.5	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Chrysene	970.000		93.6	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Dibenzo(a,h)anthracene	120.000	J	95.6	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Fluoranthene	1,900.000		96.2	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Indeno(1,2,3-cd)pyrene	370.000		91.9	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Phenanthrene	1,300.000		98.9	200	ug/Kg
P2519-01	B2COMP(0-8)	Solid	Pyrene	1,300.000		97.7	200	ug/Kg
Total Svoc :					10,510.00			
Total Concentration:					10,510.00			
Client ID : WC-MH-AA								
P2525-01	WC-MH-AA	Solid	1-Heneicosanol	*	77.900	J		

Hit Summary Sheet SW-846

SDG No.: BF052124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2525-01	WC-MH-AA	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :						1,277.90		
Total Concentration:						1,277.90		
Client ID : MH-B								
P2531-01	MH-B	Solid	1-Heneicosanol	*	64.800	J		
P2531-01	MH-B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	61.800	A		
P2531-01	MH-B	Solid	Benzo[e]pyrene	*	51.600	J		
P2531-01	MH-B	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
Total Tics :						1,178.20		
P2531-01	MH-B	Solid	Benzo(a)pyrene		68.700	J 67.9	120	ug/Kg
P2531-01	MH-B	Solid	Benzo(b)fluoranthene		97.300	J 59.2	120	ug/Kg
Total Svoc :						166.00		
Total Concentration:						1,344.20		
Client ID : POLE-SLEEVE-SOIL								
P2538-01	POLE-SLEEVE-SOIL	Solid	11H-Benzo[a]fluoren-11-one	*	93.400	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	11H-Benzo[b]fluorene	*	92.800	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	4H-Cyclopenta[def]phenanthrene	*	270.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	9,10-Anthracenedione	*	56.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	9,10-Dimethylanthracene	*	59.300	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	9H-Fluorene, 1-methyl-	*	63.200	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo[e]pyrene	*	85.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Dibenzo[def,mno]chrysene	*	78.900	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Dibenzyl phthalate	*	180.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Fluoranthene, 2-methyl-	*	70.900	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Naphthalene, 2-phenyl-	*	81.400	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Naphtho[2,1-b]thiophene	*	71.200	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Octadecanoic acid	*	61.500	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Perylene	*	330.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Pyrene, 1-methyl-	*	71.700	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	Pyrene, 4-methyl-	*	64.500	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	unknown10.163	*	66.800	J		
P2538-01	POLE-SLEEVE-SOIL	Solid	unknown10.980	*	65.400	J		
Total Tics :						3,282.00		
P2538-01	POLE-SLEEVE-SOIL	Solid	Acenaphthene		140.000	67.4	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Anthracene		260.000	70.1	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo(a)anthracene		590.000	67.1	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo(a)pyrene		540.000	77.3	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo(b)fluoranthene		650.000	67.4	140	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF052124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo(g,h,i)perylene	170.000		66.6	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Benzo(k)fluoranthene	200.000		68.6	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Butylbenzylphthalate	6,300.000	E	80.4	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Chrysene	530.000		66.1	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Di-n-butylphthalate	260.000		70.1	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Fluoranthene	1,100.000		67.9	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Fluorene	150.000		71.1	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Indeno(1,2,3-cd)pyrene	160.000		64.9	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Phenanthrene	950.000		69.8	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Pyrene	1,000.000		69	140	ug/Kg
P2538-01	POLE-SLEEVE-SOIL	Solid	Total PAH	6,440.000		1101.3	2240	ug/Kg
Total Svoc :				19,440.00				
Total Concentration:				22,722.00				
Client ID : POLE-SLEEVE-SOIL								
P2538-03	POLE-SLEEVE-SOIL	water	Benzidine	2,800.000	E	40.7	100	ug/L
Total Svoc :				2,800.00				
Total Concentration:				2,800.00				
Client ID : WCS-TPQ								
P2539-01	WCS-TPQ	Solid	9-Octadecenamide, (Z)-	*	85.300	J		
P2539-01	WCS-TPQ	Solid	Butane, 2-methoxy-2-methyl-	*	820.000	J		
P2539-01	WCS-TPQ	Solid	Cyclohexane	*	47.000	J		
P2539-01	WCS-TPQ	Solid	Heptadecane	*	77.300	J		
P2539-01	WCS-TPQ	Solid	n-Hexadecanoic acid	*	50.900	J		
P2539-01	WCS-TPQ	Solid	Pentacos-1-ene	*	60.900	J		
Total Tics :				1,141.40				
Total Concentration:				1,141.40				
Client ID : WCS-TPP								
P2539-05	WCS-TPP	Solid	Benzo[e]pyrene	*	120.000	J		
P2539-05	WCS-TPP	Solid	Butane, 2-methoxy-2-methyl-	*	220.000	J		
P2539-05	WCS-TPP	Solid	Heneicosane	*	100.000	J		
P2539-05	WCS-TPP	Solid	Hexadecane	*	52.900	J		
P2539-05	WCS-TPP	Solid	Pentacosane	*	52.700	J		
P2539-05	WCS-TPP	Solid	Phenanthrene, 2-methyl-	*	60.700	J		
Total Tics :				606.30				
P2539-05	WCS-TPP	Solid	Benzo(a)pyrene		140.000	60.5	110	ug/Kg
P2539-05	WCS-TPP	Solid	Benzo(b)fluoranthene		180.000	52.7	110	ug/Kg
P2539-05	WCS-TPP	Solid	Benzo(g,h,i)perylene	J	72.400	52.1	110	ug/Kg
P2539-05	WCS-TPP	Solid	Chrysene	J	64.200	51.7	110	ug/Kg
P2539-05	WCS-TPP	Solid	Fluoranthene	J	77.700	53.1	110	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BF052124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2539-05	WCS-TPP	Solid	Indeno(1,2,3-cd)pyrene	61.100	J	50.8	110	ug/Kg
P2539-05	WCS-TPP	Solid	Phenanthrene	130.000		54.6	110	ug/Kg
P2539-05	WCS-TPP	Solid	Pyrene	110.000		54	110	ug/Kg
Total Svoc :				835.40				
Total Concentration:				1,441.70				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 : _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.503	0.501	0.516	0.496	0.495	0.505	1.8
Pyridine		1.050	1.087	1.182	1.160	1.147	1.144	4.8
2-Fluorophenol		1.264	1.212	1.237	1.157	1.118	1.177	5.3
Benzaldehyde			0.935	0.905	0.788	0.736	0.785	14.7
Aniline		1.265	1.259	1.333	1.293	1.279	1.297	2.5
Phenol-d6		1.601	1.511	1.525	1.414	1.372	1.450	6.6
Phenol		1.587	1.517	1.527	1.439	1.402	1.464	5.5
bis(2-Chloroethyl)ether		1.203	1.148	1.170	1.107	1.078	1.124	4.5
2-Chlorophenol		1.371	1.316	1.334	1.260	1.207	1.274	5.3
1,2-Dichlorobenzene		1.540	1.467	1.475	1.359	1.309	1.393	7.2
1,3-Dichlorobenzene		1.596	1.525	1.567	1.446	1.396	1.474	6.0
1,4-Dichlorobenzene		1.598	1.533	1.567	1.452	1.404	1.480	5.8
Benzyl Alcohol		1.024	0.995	1.045	1.012	0.980	1.005	2.4
2-Methylphenol		1.071	1.033	1.054	1.003	0.977	1.016	3.6
2,2-oxybis(1-Chloropropane)		1.475	1.427	1.444	1.371	1.317	1.382	4.9
Acetophenone		0.481	0.467	0.474	0.431	0.431	0.448	5.5
3+4-Methylphenols		1.456	1.382	1.411	1.315	1.261	1.331	6.5
n-Nitroso-di-n-propylamine	0.856	0.851	0.841	0.846	0.801	0.770	0.815	4.7
Nitrobenzene-d5		0.345	0.344	0.358	0.332	0.331	0.340	2.9
Hexachloroethane		0.524	0.500	0.531	0.500	0.480	0.501	4.1
Nitrobenzene		0.350	0.352	0.361	0.337	0.337	0.345	2.8
Isophorone		0.611	0.592	0.616	0.577	0.572	0.590	3.0
2-Nitrophenol		0.159	0.166	0.179	0.175	0.177	0.173	4.5
2,4-Dimethylphenol		0.226	0.220	0.232	0.220	0.221	0.223	2.0
bis(2-Chloroethoxy)methane		0.380	0.365	0.377	0.346	0.343	0.357	4.6
2,4-Dichlorophenol		0.273	0.283	0.296	0.280	0.274	0.280	2.8
1,2,4-Trichlorobenzene		0.334	0.316	0.329	0.304	0.300	0.313	4.4
Benzoic acid			0.148	0.177	0.190	0.195	0.189	12.9
Naphthalene		1.086	1.042	1.070	0.976	0.953	1.006	5.8
4-Chloroaniline		0.317	0.327	0.342	0.329	0.327	0.330	2.3
Hexachlorobutadiene		0.208	0.201	0.207	0.193	0.193	0.198	3.5
Caprolactam		0.080	0.080	0.081	0.083	0.079	0.081	2.3
4-Chloro-3-methylphenol		0.287	0.286	0.300	0.283	0.275	0.285	2.7
2-Methylnaphthalene		0.709	0.672	0.681	0.627	0.617	0.646	6.3
Hexachlorocyclopentadiene		0.171	0.176	0.210	0.213	0.220	0.207	11.4
2,4,6-Trichlorophenol		0.359	0.354	0.373	0.350	0.349	0.357	2.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.483	1.396	1.402	1.218	1.212	1.298	9.6
2,4,5-Trichlorophenol		0.393	0.387	0.407	0.389	0.380	0.390	2.2
1,1-Biphenyl		1.537	1.454	1.489	1.333	1.336	1.403	6.3
2-Chloronaphthalene		1.204	1.155	1.187	1.075	1.072	1.120	5.4
2-Nitroaniline		0.272	0.279	0.294	0.290	0.282	0.287	3.2
Dimethylphthalate		1.348	1.294	1.306	1.227	1.187	1.254	4.9
Acenaphthylene		1.709	1.646	1.709	1.575	1.546	1.610	4.8
2,6-Dinitrotoluene		0.286	0.285	0.298	0.288	0.282	0.288	1.7
3-Nitroaniline		0.281	0.274	0.288	0.284	0.277	0.281	1.7
Acenaphthene		1.131	1.070	1.114	1.033	1.029	1.064	4.0
2,4-Dinitrophenol			0.079	0.110	0.138	0.139	0.129	22.9
4-Nitrophenol		0.163	0.187	0.206	0.218	0.209	0.202	10.3
Dibenzofuran		1.681	1.619	1.644	1.497	1.464	1.549	6.2
2,4-Dinitrotoluene		0.346	0.371	0.385	0.385	0.364	0.372	3.8
Diethylphthalate		1.255	1.208	1.214	1.165	1.110	1.171	4.8
4-Chlorophenyl-phenylether		0.649	0.637	0.631	0.593	0.573	0.604	5.6
Fluorene		1.368	1.279	1.277	1.194	1.147	1.225	7.0
4-Nitroaniline		0.255	0.269	0.265	0.279	0.262	0.267	3.0
4,6-Dinitro-2-methylphenol			0.088	0.110	0.120	0.122	0.115	12.9
n-Nitrosodiphenylamine		0.644	0.616	0.649	0.592	0.603	0.613	4.0
Azobenzene		1.144	1.091	1.118	1.049	1.009	1.065	4.9
2,4,6-Tribromophenol		0.206	0.203	0.207	0.205	0.194	0.202	2.4
4-Bromophenyl-phenylether		0.226	0.217	0.230	0.211	0.216	0.219	3.0
Hexachlorobenzene		0.259	0.241	0.253	0.232	0.239	0.242	4.1
Atrazine		0.187	0.185	0.179	0.170	0.156	0.167	10.3
Pentachlorophenol		0.103	0.129	0.148	0.153	0.152	0.142	13.5
Phenanthrene		1.079	1.030	1.041	0.947	0.945	0.986	6.4
Anthracene		1.053	1.008	1.036	0.946	0.941	0.978	5.5
Carbazole		0.961	0.929	0.939	0.875	0.851	0.893	5.4
Di-n-butylphthalate		1.027	1.023	1.020	1.006	0.955	0.991	3.5
Fluoranthene		1.097	1.081	1.039	1.004	0.942	1.000	7.5
Benzidine			0.115	0.118	0.373	0.324	0.261	43.6
Pyrene		1.711	1.660	1.888	1.661	1.739	1.749	4.8
Terphenyl-d14		1.416	1.330	1.458	1.280	1.332	1.357	4.5
Butylbenzylphthalate		0.478	0.493	0.526	0.550	0.535	0.528	6.0
3,3-Dichlorobenzidine		0.301	0.311	0.364	0.349	0.368	0.351	9.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.278	1.270	1.317	1.230	1.232	1.265	2.3
Chrysene		1.269	1.211	1.261	1.165	1.171	1.210	3.4
Bis(2-ethylhexyl)phthalate		0.620	0.658	0.647	0.694	0.657	0.663	4.0
Di-n-octyl phthalate		0.780	0.803	0.833	0.931	0.933	0.896	10.2
Benzo(b)fluoranthene		1.198	1.187	1.165	1.207	1.110	1.158	3.7
Benzo(k)fluoranthene		1.233	1.210	1.193	1.127	1.071	1.138	6.5
Benzo(a)pyrene		0.978	0.948	1.018	0.996	0.975	0.989	2.4
Indeno(1,2,3-cd)pyrene		1.061	1.034	1.380	1.248	1.403	1.285	13.6
Dibenzo(a,h)anthracene		0.889	0.863	1.143	1.038	1.155	1.062	12.8
Benzo(g,h,i)perylene		0.931	0.895	1.202	1.070	1.223	1.115	13.5
1,2,4,5-Tetrachlorobenzene		0.587	0.547	0.567	0.518	0.527	0.544	4.7
1,4-Dioxane		0.531	0.510	0.525	0.507	0.488	0.510	2.8
2,3,4,6-Tetrachlorophenol		0.307	0.304	0.319	0.312	0.297	0.306	2.3
1-Methylnaphthalene		0.702	0.671	0.670	0.614	0.600	0.635	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137914.D Time Analyzed: 11:51

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	142006	7.045	550835	8.33	311581	10.09
	UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
	LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
	EPA SAMPLE NO.						
01	PB160974BL	163682	7.03	634861	8.32	369794	10.08
02	PB160974BS	154370	7.03	606523	8.32	339468	10.09
03	PB160998BL	160952	7.03	624402	8.32	362173	10.08
04	PB160998BS	171696	7.03	678512	8.32	382398	10.09
05	PB160966TB	152768	7.03	603272	8.32	352804	10.08
06	B-112-SB02	156540	7.03	621323	8.32	363741	10.08
07	B-112-SB02MS	151401	7.03	600989	8.32	349319	10.09
08	B-112-SB02MSD	116614	7.03	444728	8.32	241401	10.08
09	WC-MH-AA	137700	7.03	540491	8.32	310911	10.08
10	WC-MH-AAMS	106580	7.03	410258	8.32	226900	10.08
11	WC-MH-AAMSD	142987	7.03	570934	8.32	336790	10.09
12	CONCRETE-COMP	144293	7.03	568909	8.32	327525	10.08
13	POLE-SLEEVE-SOIL	138775	7.03	548595	8.32	323216	10.08
14	WCS-TPJDL	158950	7.03	627796	8.32	352222	10.08
15	B-112-SB01	147957	7.03	586152	8.32	340711	10.08
16	MH-B	149814	7.03	597795	8.32	345500	10.08
17	POLE-SLEEVE-SOIL	155369	7.03	609082	8.32	348567	10.08
18	POLE-SLEEVE-SOILMS	167083	7.03	665481	8.32	372214	10.09
19	POLE-SLEEVE-SOILMSD	142229	7.03	558501	8.32	303045	10.09
20	B2COMP (0-8)	152455	7.03	584331	8.32	308084	10.08
21	WCS-TPQ	151937	7.03	580319	8.32	314274	10.08
22	WCS-TPP	153697	7.03	582401	8.32	293554	10.08



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137914.D Time Analyzed: 22:46

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	142006	7.045	550835	8.33	311581	10.09
UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137971.D Time Analyzed: 11:51

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	146464	7.033	565678	8.32	323346	10.08
	UPPER LIMIT	292928	7.533	1131356	8.822	646692	10.58
	LOWER LIMIT	73232	6.533	282839	7.822	161673	9.58
	EPA SAMPLE NO.						
01	PB160974BL	163682	7.03	634861	8.32	369794	10.08
02	PB160974BS	154370	7.03	606523	8.32	339468	10.09
03	PB160998BL	160952	7.03	624402	8.32	362173	10.08
04	PB160998BS	171696	7.03	678512	8.32	382398	10.09
05	PB160966TB	152768	7.03	603272	8.32	352804	10.08
06	B-112-SB02	156540	7.03	621323	8.32	363741	10.08
07	B-112-SB02MS	151401	7.03	600989	8.32	349319	10.09
08	B-112-SB02MSD	116614	7.03	444728	8.32	241401	10.08
09	WC-MH-AA	137700	7.03	540491	8.32	310911	10.08
10	WC-MH-AAMS	106580	7.03	410258	8.32	226900	10.08
11	WC-MH-AAMSD	142987	7.03	570934	8.32	336790	10.09
12	CONCRETE-COMP	144293	7.03	568909	8.32	327525	10.08
13	POLE-SLEEVE-SOIL	138775	7.03	548595	8.32	323216	10.08
14	WCS-TPJDL	158950	7.03	627796	8.32	352222	10.08
15	B-112-SB01	147957	7.03	586152	8.32	340711	10.08
16	MH-B	149814	7.03	597795	8.32	345500	10.08
17	POLE-SLEEVE-SOIL	155369	7.03	609082	8.32	348567	10.08
18	POLE-SLEEVE-SOILMS	167083	7.03	665481	8.32	372214	10.09
19	POLE-SLEEVE-SOILMSD	142229	7.03	558501	8.32	303045	10.09
20	B2COMP (0-8)	152455	7.03	584331	8.32	308084	10.08
21	WCS-TPQ	151937	7.03	580319	8.32	314274	10.08
22	WCS-TPP	153697	7.03	582401	8.32	293554	10.08



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137971.D Time Analyzed: 22:46

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	146464	7.033	565678	8.32	323346	10.08
UPPER LIMIT	292928	7.533	1131356	8.822	646692	10.58
LOWER LIMIT	73232	6.533	282839	7.822	161673	9.58
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137914.D Time Analyzed: 11:51

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	535112	11.58	324526	14.227	256022	15.786
	UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
	LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
	EPA SAMPLE NO.						
01	PB160974BL	664060	11.57	411560	14.22	336642	15.79
02	PB160974BS	587011	11.58	339457	14.23	297414	15.79
03	PB160998BL	641577	11.58	425174	14.22	346812	15.79
04	PB160998BS	650037	11.58	368262	14.23	316687	15.79
05	PB160966TB	621184	11.58	372435	14.22	305838	15.79
06	B-112-SB02	610830	11.58	331394	14.22	319357	15.79
07	B-112-SB02MS	624801	11.58	346473	14.23	341300	15.79
08	B-112-SB02MSD	403459	11.57	321245	14.23	335088	15.79
09	WC-MH-AA	546510	11.57	332363	14.22	336151	15.79
10	WC-MH-AAMS	381299	11.57	303748	14.23	301632	15.79
11	WC-MH-AAMSD	586588	11.58	326310	14.23	313830	15.79
12	CONCRETE-COMP	557681	11.57	309639	14.22	303934	15.79
13	POLE-SLEEVE-SOIL	572391	11.57	324066	14.22	298936	15.79
14	WCS-TPJDL	569102	11.58	318995	14.23	323225	15.79
15	B-112-SB01	556765	11.58	314059	14.23	306950	15.79
16	MH-B	578388	11.57	329343	14.22	318442	15.79
17	POLE-SLEEVE-SOIL	559024	11.58	327326	14.23	321847	15.79
18	POLE-SLEEVE-SOILMS	584622	11.58	333428	14.23	314374	15.79
19	POLE-SLEEVE-SOILMSD	443539	11.58	313417	14.23	265465	15.79
20	B2COMP (0-8)	421273	11.58	303179	14.23	228838	15.79
21	WCS-TPQ	438027	11.58	320934	14.22	225265	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137914.D Time Analyzed: 22:46

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	535112	11.58	324526	14.227	256022	15.786
UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
EPA SAMPLE NO.						
22 WCS-TPP	403843	11.57	321745	14.23	221111	15.79

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137971.D Time Analyzed: 11:51

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	541462	11.574	292457	14.227	273801	15.786
	UPPER LIMIT	1082924	12.074	584914	14.727	547602	16.286
	LOWER LIMIT	270731	11.074	146228.5	13.727	136900.5	15.286
	EPA SAMPLE NO.						
01	PB160974BL	664060	11.57	411560	14.22	336642	15.79
02	PB160974BS	587011	11.58	339457	14.23	297414	15.79
03	PB160998BL	641577	11.58	425174	14.22	346812	15.79
04	PB160998BS	650037	11.58	368262	14.23	316687	15.79
05	PB160966TB	621184	11.58	372435	14.22	305838	15.79
06	B-112-SB02	610830	11.58	331394	14.22	319357	15.79
07	B-112-SB02MS	624801	11.58	346473	14.23	341300	15.79
08	B-112-SB02MSD	403459	11.57	321245	14.23	335088	15.79
09	WC-MH-AA	546510	11.57	332363	14.22	336151	15.79
10	WC-MH-AAMS	381299	11.57	303748	14.23	301632	15.79
11	WC-MH-AAMSD	586588	11.58	326310	14.23	313830	15.79
12	CONCRETE-COMP	557681	11.57	309639	14.22	303934	15.79
13	POLE-SLEEVE-SOIL	572391	11.57	324066	14.22	298936	15.79
14	WCS-TPJDL	569102	11.58	318995	14.23	323225	15.79
15	B-112-SB01	556765	11.58	314059	14.23	306950	15.79
16	MH-B	578388	11.57	329343	14.22	318442	15.79
17	POLE-SLEEVE-SOIL	559024	11.58	327326	14.23	321847	15.79
18	POLE-SLEEVE-SOILMS	584622	11.58	333428	14.23	314374	15.79
19	POLE-SLEEVE-SOILMSD	443539	11.58	313417	14.23	265465	15.79
20	B2COMP (0-8)	421273	11.58	303179	14.23	228838	15.79
21	WCS-TPQ	438027	11.58	320934	14.22	225265	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052124 SAS No.: BF052124 SDG NO.: BF052124

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

Lab File ID: BF137971.D Time Analyzed: 22:46

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	541462	11.574	292457	14.227	273801	15.786
UPPER LIMIT	1082924	12.074	584914	14.727	547602	16.286
LOWER LIMIT	270731	11.074	146228.5	13.727	136900.5	15.286
EPA SAMPLE NO.						
22 WCS-TPP	403843	11.57	321745	14.23	221111	15.79

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.: **BF052124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160974BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1300	ug/Kg	76				28	98		
	Benzaldehyde	1700	2100	ug/Kg	124				10	147		
	Aniline	1700	1100	ug/Kg	65				38	100		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100		
	Acetophenone	1700	1500	ug/Kg	88				55	104		
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111		
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				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	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1700	ug/Kg	100				10	140		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	550	ug/Kg	32				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1700	ug/Kg	100				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104		
	Hexachlorocyclopentadiene	3300	4300	ug/Kg	130				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	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1700	ug/Kg	100				57	104		
	Total PAH	27200	25700	ug/Kg	94				57	104		
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160974BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1500	ug/Kg	88				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	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				67	113	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	420	ug/Kg	13				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160998BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	2100	ug/Kg	124				10	147	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				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	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	500	ug/Kg	29				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	4300	ug/Kg	130				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	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	25200	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160998BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				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	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	450	ug/Kg	14				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112		*		63	111	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160974BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052124

SAS No.: BF052124 SDG NO.: BF052124

Lab File ID: BF137972.D

Lab Sample ID: PB160974BL

Instrument ID: BNA_F

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/21/2024

Level: (low/med) LOW

Time Analyzed: 11:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160974BS	PB160974BS	BF137973.D	05/21/2024
B-112-SB01	P2500-01	BF137986.D	05/21/2024
B-112-SB02	P2500-02	BF137977.D	05/21/2024
B-112-SB02MS	P2500-02MS	BF137978.D	05/21/2024
B-112-SB02MSD	P2500-02MSD	BF137979.D	05/21/2024
B2COMP (0-8)	P2519-01	BF137991.D	05/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160966TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052124

SAS No.: BF052124 SDG NO.: BF052124

Lab File ID: BF137976.D

Lab Sample ID: PB160966TB

Instrument ID: BNA_F

Date Extracted: 05/17/2024

Matrix: (soil/water) water

Date Analyzed: 05/21/2024

Level: (low/med) LOW

Time Analyzed: 13:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160966TB	PB160966TB	BF137976.D	05/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160998BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052124

SAS No.: BF052124 SDG NO.: BF052124

Lab File ID: BF137974.D

Lab Sample ID: PB160998BL

Instrument ID: BNA_F

Date Extracted: 05/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/21/2024

Level: (low/med) LOW

Time Analyzed: 12:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160998BS	PB160998BS	BF137975.D	05/21/2024
MH-B	P2531-01	BF137987.D	05/21/2024
WC-MH-AA	P2525-01	BF137980.D	05/21/2024
WC-MH-AAMS	P2525-01MS	BF137981.D	05/21/2024
WC-MH-AAMSD	P2525-01MSD	BF137982.D	05/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CONCRETE-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052124

SAS No.: BF052124 SDG NO.: BF052124

Lab File ID: BF137983.D

Lab Sample ID: P2540-01

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/21/2024

Level: (low/med) LOW

Time Analyzed: 17:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CONCRETE-COMP	P2540-01	BF137983.D	05/21/2024
POLE-SLEEVE-SOIL	P2538-01	BF137988.D	05/21/2024
POLE-SLEEVE-SOILMS	P2538-01MS	BF137989.D	05/21/2024
POLE-SLEEVE-SOILMSD	P2538-01MSD	BF137990.D	05/21/2024
WCS-TPQ	P2539-01	BF137992.D	05/21/2024
WCS-TPP	P2539-05	BF137993.D	05/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

POLE-SLEEVE-SOIL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052124

SAS No.: BF052124 SDG NO.: BF052124

Lab File ID: BF137984.D

Lab Sample ID: P2538-03

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) water

Date Analyzed: 05/21/2024

Level: (low/med) LOW

Time Analyzed: 18:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
POLE-SLEEVE-SOIL	P2538-03	BF137984.D	05/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2500-02MS		Client Sample ID: B-112-SB02MS		DataFile: BF137978.D							
n-Nitrosodimethylamine	2100		1800	ug/Kg	86				66	124	
Pyridine	2100		1500	ug/Kg	71				45	119	
Benzaldehyde	2100		640	ug/Kg	30				26	163	
Aniline	2100		1800	ug/Kg	86				10	88	
Phenol	2100		1800	ug/Kg	86				67	126	
bis(2-Chloroethyl)ether	2100		1900	ug/Kg	90				74	116	
2-Chlorophenol	2100		1900	ug/Kg	90				61	138	
1,2-Dichlorobenzene	2100		1800	ug/Kg	86				61	105	
1,3-Dichlorobenzene	2100		1700	ug/Kg	81				62	101	
1,4-Dichlorobenzene	2100		1700	ug/Kg	81				63	104	
Benzyl Alcohol	2100		2000	ug/Kg	95				47	126	
2-Methylphenol	2100		1800	ug/Kg	86				66	122	
2,2-oxybis(1-Chloropropane)	2100		1900	ug/Kg	90				52	115	
Acetophenone	2100		1800	ug/Kg	86				75	111	
3+4-Methylphenols	2100		1800	ug/Kg	86				53	132	
N-Nitroso-di-n-propylamine	2100		1900	ug/Kg	90				59	119	
Hexachloroethane	2100		1800	ug/Kg	86				65	117	
Nitrobenzene	2100		1700	ug/Kg	81				70	119	
Isophorone	2100		1900	ug/Kg	90				76	122	
2-Nitrophenol	2100		1900	ug/Kg	90				54	145	
2,4-Dimethylphenol	2100		2000	ug/Kg	95				83	144	
bis(2-Chloroethoxy)methane	2100		1900	ug/Kg	90				68	112	
2,4-Dichlorophenol	2100		1900	ug/Kg	90				72	118	
1,2,4-Trichlorobenzene	2100		1700	ug/Kg	81				57	103	
Benzoic acid	2100		1800	ug/Kg	86				50	104	
Naphthalene	2100		1800	ug/Kg	86				72	110	
4-Chloroaniline	2100		1100	ug/Kg	52				10	100	
Hexachlorobutadiene	2100		1700	ug/Kg	81				66	114	
Caprolactam	2100		2200	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	2100		1900	ug/Kg	90				57	132	
2-Methylnaphthalene	2100		1800	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	4100		5000	ug/Kg	122				10	175	
2,4,6-Trichlorophenol	2100		1900	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	2100		1900	ug/Kg	90				72	117	
1,1-Biphenyl	2100		1800	ug/Kg	86				75	113	
2-Chloronaphthalene	2100		1800	ug/Kg	86				67	118	
2-Nitroaniline	2100		1900	ug/Kg	90				69	127	
Dimethylphthalate	2100		2000	ug/Kg	95				70	113	
Acenaphthylene	2100		2000	ug/Kg	95				79	118	
2,6-Dinitrotoluene	2100		1900	ug/Kg	90				70	125	
3-Nitroaniline	2100		1600	ug/Kg	76				20	111	
Acenaphthene	2100		2000	ug/Kg	95				70	121	
Total PAH	33600		29300	ug/Kg	87				70	121	
2,4-Dinitrophenol	4100		3200	ug/Kg	78				16	160	
4-Nitrophenol	4100		4300	ug/Kg	105				45	133	
Dibenzofuran	2100		1900	ug/Kg	90				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2000	ug/Kg	95				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		3900	ug/Kg	93				55	128	
Diethylphthalate	2100		2100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90				71	108	
Fluorene	2100		1900	ug/Kg	90				68	116	
4-Nitroaniline	2100		2100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	2100		1800	ug/Kg	86				32	145	
N-Nitrosodiphenylamine	2100		1900	ug/Kg	90				73	118	
Azobenzene	2100		2000	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	2100		1900	ug/Kg	90				65	121	
Hexachlorobenzene	2100		1800	ug/Kg	86				67	118	
Atrazine	2100		2400	ug/Kg	114				79	127	
Pentachlorophenol	4100		3600	ug/Kg	88				47	128	
Phenanthrene	2100		1800	ug/Kg	86				72	113	
Anthracene	2100		1900	ug/Kg	90				62	124	
Carbazole	2100		1900	ug/Kg	90				59	119	
Di-n-butylphthalate	2100		2200	ug/Kg	105				69	118	
Fluoranthene	2100		1800	ug/Kg	86				59	125	
Benzydine	4100		3200	ug/Kg	78				10	119	
Pyrene	2100		1800	ug/Kg	86				52	128	
Butylbenzylphthalate	2100		2600	ug/Kg	124				64	126	
3,3-Dichlorobenzidine	2100		1800	ug/Kg	86				10	164	
Benzo(a)anthracene	2100		2000	ug/Kg	95				71	114	
Chrysene	2100		1900	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	2100		2900	ug/Kg	138	*			66	127	
Di-n-octyl phthalate	2100		3000	ug/Kg	143	*			71	126	
Benzo(b)fluoranthene	2100		2000	ug/Kg	95				67	121	
Benzo(k)fluoranthene	2100		1900	ug/Kg	90				74	114	
Benzo(a)pyrene	2100		2000	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	2100		1600	ug/Kg	76				61	125	
Dibenz(a,h)anthracene	2100		1600	ug/Kg	76				67	130	
Benzo(g,h,i)perylene	2100		1300	ug/Kg	62				53	140	
1,2,4,5-Tetrachlorobenzene	2100		1800	ug/Kg	86				69	124	
1,4-Dioxane	2100		1400	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	2100		2000	ug/Kg	95				56	133	
1-Methylnaphthalene	2100		1700	ug/Kg	81				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2500-02MSD	Client Sample ID:	B-112-SB02MSD					DataFile:	BF137979.D		
n-Nitrosodimethylamine	2100		1900	ug/Kg	90		5		66	124	20
Pyridine	2100		1600	ug/Kg	76		7		45	119	20
Benzaldehyde	2100		660	ug/Kg	31		3		26	163	20
Aniline	2100		1700	ug/Kg	81		6		10	88	20
Phenol	2100		1900	ug/Kg	90		5		67	126	20
bis(2-Chloroethyl)ether	2100		1900	ug/Kg	90		0		74	116	20
2-Chlorophenol	2100		2000	ug/Kg	95		5		61	138	20
1,2-Dichlorobenzene	2100		1900	ug/Kg	90		5		61	105	20
1,3-Dichlorobenzene	2100		1800	ug/Kg	86		6		62	101	20
1,4-Dichlorobenzene	2100		1800	ug/Kg	86		6		63	104	20
Benzyl Alcohol	2100		2000	ug/Kg	95		0		47	126	20
2-Methylphenol	2100		1900	ug/Kg	90		5		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2000	ug/Kg	95		5		52	115	20
Acetophenone	2100		1900	ug/Kg	90		5		75	111	20
3+4-Methylphenols	2100		1900	ug/Kg	90		5		53	132	20
N-Nitroso-di-n-propylamine	2100		1900	ug/Kg	90		0		59	119	20
Hexachloroethane	2100		1800	ug/Kg	86		0		65	117	20
Nitrobenzene	2100		1800	ug/Kg	86		6		70	119	20
Isophorone	2100		1900	ug/Kg	90		0		76	122	20
2-Nitrophenol	2100		2000	ug/Kg	95		5		54	145	20
2,4-Dimethylphenol	2100		2100	ug/Kg	100		5		83	144	20
bis(2-Chloroethoxy)methane	2100		1900	ug/Kg	90		0		68	112	20
2,4-Dichlorophenol	2100		1900	ug/Kg	90		0		72	118	20
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90		11		57	103	20
Benzoic acid	2100		1900	ug/Kg	90		5		50	104	20
Naphthalene	2100		1900	ug/Kg	90		5		72	110	20
4-Chloroaniline	2100		1100	ug/Kg	52		0		10	100	20
Hexachlorobutadiene	2100		1800	ug/Kg	86		6		66	114	20
Caprolactam	2100		2000	ug/Kg	95		10		51	134	20
4-Chloro-3-methylphenol	2100		1900	ug/Kg	90		0		57	132	20
2-Methylnaphthalene	2100		1900	ug/Kg	90		5		59	123	20
Hexachlorocyclopentadiene	4100		5700	ug/Kg	139		13		10	175	20
2,4,6-Trichlorophenol	2100		2000	ug/Kg	95		5		72	117	20
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2100		2000	ug/Kg	95		10		75	113	20
2-Chloronaphthalene	2100		1900	ug/Kg	90		5		67	118	20
2-Nitroaniline	2100		2000	ug/Kg	95		5		69	127	20
Dimethylphthalate	2100		2000	ug/Kg	95		0		70	113	20
Acenaphthylene	2100		2100	ug/Kg	100		5		79	118	20
2,6-Dinitrotoluene	2100		1900	ug/Kg	90		0		70	125	20
3-Nitroaniline	2100		1600	ug/Kg	76		0		20	111	20
Acenaphthene	2100		2100	ug/Kg	100		5		70	121	20
Total PAH	33600		30700	ug/Kg	91		4		70	121	20
2,4-Dinitrophenol	4100		3300	ug/Kg	80		3		16	160	20
4-Nitrophenol	4100		4500	ug/Kg	110		5		45	133	20
Dibenzofuran	2100		1900	ug/Kg	90		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2000	ug/Kg	95		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		3900	ug/Kg	93		0		55	128	20
Diethylphthalate	2100		2000	ug/Kg	95		5		70	112	20
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90		0		71	108	20
Fluorene	2100		1900	ug/Kg	90		0		68	116	20
4-Nitroaniline	2100		2100	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	2100		1900	ug/Kg	90		5		32	145	20
N-Nitrosodiphenylamine	2100		2000	ug/Kg	95		5		73	118	20
Azobenzene	2100		2000	ug/Kg	95		0		73	110	20
4-Bromophenyl-phenylether	2100		2000	ug/Kg	95		5		65	121	20
Hexachlorobenzene	2100		1900	ug/Kg	90		5		67	118	20
Atrazine	2100		2400	ug/Kg	114		0		79	127	20
Pentachlorophenol	4100		4000	ug/Kg	98		11		47	128	20
Phenanthrene	2100		2000	ug/Kg	95		10		72	113	20
Anthracene	2100		2100	ug/Kg	100		11		62	124	20
Carbazole	2100		2000	ug/Kg	95		5		59	119	20
Di-n-butylphthalate	2100		2200	ug/Kg	105		0		69	118	20
Fluoranthene	2100		2100	ug/Kg	100		15		59	125	20
Benzydine	4100		3500	ug/Kg	85		9		10	119	20
Pyrene	2100		1500	ug/Kg	71		19		52	128	20
Butylbenzylphthalate	2100		2200	ug/Kg	105		17		64	126	20
3,3-Dichlorobenzidine	2100		2000	ug/Kg	95		10		10	164	20
Benzo(a)anthracene	2100		2100	ug/Kg	100		5		71	114	20
Chrysene	2100		2000	ug/Kg	95		5		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2500	ug/Kg	119		15		66	127	20
Di-n-octyl phthalate	2100		3100	ug/Kg	148	*	3		71	126	20
Benzo(b)fluoranthene	2100		2100	ug/Kg	100		5		67	121	20
Benzo(k)fluoranthene	2100		2000	ug/Kg	95		5		74	114	20
Benzo(a)pyrene	2100		2100	ug/Kg	100		5		70	142	20
Indeno(1,2,3-cd)pyrene	2100		1700	ug/Kg	81		6		61	125	20
Dibenz(a,h)anthracene	2100		1700	ug/Kg	81		6		67	130	20
Benzo(g,h,i)perylene	2100		1300	ug/Kg	62		0		53	140	20
1,2,4,5-Tetrachlorobenzene	2100		2000	ug/Kg	95		10		69	124	20
1,4-Dioxane	2100		1500	ug/Kg	71		6		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2000	ug/Kg	95		0		56	133	20
1-Methylnaphthalene	2100		1800	ug/Kg	86		6		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2538-01MS		Client Sample ID: POLE-SLEEVE-SOILMS		DataFile: BF137989.D							
n-Nitrosodimethylamine	1400		1100	ug/Kg	79				66	124	
Pyridine	1400		610	ug/Kg	44	*			45	119	
Benzaldehyde	1400		380	ug/Kg	27				26	163	
Aniline	1400		780	ug/Kg	56				10	88	
Phenol	1400		1200	ug/Kg	86				67	126	
bis(2-Chloroethyl)ether	1400		1200	ug/Kg	86				74	116	
2-Chlorophenol	1400		1200	ug/Kg	86				61	138	
1,2-Dichlorobenzene	1400		1100	ug/Kg	79				61	105	
1,3-Dichlorobenzene	1400		1100	ug/Kg	79				62	101	
1,4-Dichlorobenzene	1400		1100	ug/Kg	79				63	104	
Benzyl Alcohol	1400		1300	ug/Kg	93				47	126	
2-Methylphenol	1400		1200	ug/Kg	86				66	122	
2,2-oxybis(1-Chloropropane)	1400		1200	ug/Kg	86				52	115	
Acetophenone	1400		1100	ug/Kg	79				75	111	
3+4-Methylphenols	1400		1200	ug/Kg	86				53	132	
N-Nitroso-di-n-propylamine	1400		1200	ug/Kg	86				59	119	
Hexachloroethane	1400		1100	ug/Kg	79				65	117	
Nitrobenzene	1400		1100	ug/Kg	79				70	119	
Isophorone	1400		1200	ug/Kg	86				76	122	
2-Nitrophenol	1400		1200	ug/Kg	86				54	145	
2,4-Dimethylphenol	1400		1300	ug/Kg	93				83	144	
bis(2-Chloroethoxy)methane	1400		1200	ug/Kg	86				68	112	
2,4-Dichlorophenol	1400		1200	ug/Kg	86				72	118	
1,2,4-Trichlorobenzene	1400		1100	ug/Kg	79				57	103	
Benzoic acid	1400		1200	ug/Kg	86				50	104	
Naphthalene	1400		1100	ug/Kg	79				72	110	
4-Chloroaniline	1400		930	ug/Kg	66				10	100	
Hexachlorobutadiene	1400		1100	ug/Kg	79				66	114	
Caprolactam	1400		1300	ug/Kg	93				51	134	
4-Chloro-3-methylphenol	1400		1200	ug/Kg	86				57	132	
2-Methylnaphthalene	1400		1200	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	2800		2500	ug/Kg	89				10	175	
2,4,6-Trichlorophenol	1400		1200	ug/Kg	86				72	117	
2,4,5-Trichlorophenol	1400		1200	ug/Kg	86				72	117	
1,1-Biphenyl	1400		1200	ug/Kg	86				75	113	
2-Chloronaphthalene	1400		1100	ug/Kg	79				67	118	
2-Nitroaniline	1400		1200	ug/Kg	86				69	127	
Dimethylphthalate	1400		1200	ug/Kg	86				70	113	
Acenaphthylene	1400		1300	ug/Kg	93				79	118	
2,6-Dinitrotoluene	1400		1200	ug/Kg	86				70	125	
3-Nitroaniline	1400		1200	ug/Kg	86				20	111	
Acenaphthene	1400	140	1300	ug/Kg	83				70	121	
Total PAH	22400	6440	22460	ug/Kg	72				70	121	
2,4-Dinitrophenol	2800		1900	ug/Kg	68				16	160	
4-Nitrophenol	2800		2500	ug/Kg	89				45	133	
Dibenzofuran	1400	0	1200	ug/Kg	86				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2800		2400	ug/Kg	86				55	128	
2,4-Dinitrotoluene	1400		1200	ug/Kg	86				55	128	
Diethylphthalate	1400		1300	ug/Kg	93				70	112	
4-Chlorophenyl-phenylether	1400		1200	ug/Kg	86				71	108	
Fluorene	1400	150	1200	ug/Kg	75				68	116	
4-Nitroaniline	1400		1200	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	1400		1200	ug/Kg	86				32	145	
N-Nitrosodiphenylamine	1400		1300	ug/Kg	93				73	118	
Azobenzene	1400		1200	ug/Kg	86				73	110	
4-Bromophenyl-phenylether	1400		1300	ug/Kg	93				65	121	
Hexachlorobenzene	1400		1200	ug/Kg	86				67	118	
Atrazine	1400		1600	ug/Kg	114				79	127	
Pentachlorophenol	2800		2300	ug/Kg	82				47	128	
Phenanthrene	1400	950	1800	ug/Kg	61	*			72	113	
Anthracene	1400	260	1400	ug/Kg	81				62	124	
Carbazole	1400	0	1200	ug/Kg	86				59	119	
Di-n-butylphthalate	1400	260	1500	ug/Kg	89				69	118	
Fluoranthene	1400	1100	1800	ug/Kg	50	*			59	125	
Benzydine	2800		1000	ug/Kg	36				10	119	
Pyrene	1400	1000	1700	ug/Kg	50	*			52	128	
Butylbenzylphthalate	1400	6300	6500	ug/Kg	14	*			64	126	
3,3-Dichlorobenzidine	1400		1400	ug/Kg	100				10	164	
Benzo(a)anthracene	1400	590	1700	ug/Kg	79				71	114	
Chrysene	1400	530	1600	ug/Kg	76				57	121	
bis(2-Ethylhexyl)phthalate	1400		1600	ug/Kg	114				66	127	
Di-n-octyl phthalate	1400		1900	ug/Kg	136	*			71	126	
Benzo(b)fluoranthene	1400	650	1800	ug/Kg	82				67	121	
Benzo(k)fluoranthene	1400	200	1500	ug/Kg	93				74	114	
Benzo(a)pyrene	1400	540	1700	ug/Kg	83				70	142	
Indeno(1,2,3-cd)pyrene	1400	160	930	ug/Kg	55	*			61	125	
Dibenz(a,h)anthracene	1400	0	830	ug/Kg	59	*			67	130	
Benzo(g,h,i)perylene	1400	170	800	ug/Kg	45	*			53	140	
1,2,4,5-Tetrachlorobenzene	1400		1200	ug/Kg	86				69	124	
1,4-Dioxane	1400		930	ug/Kg	66				46	112	
2,3,4,6-Tetrachlorophenol	1400		1200	ug/Kg	86				56	133	
1-Methylnaphthalene	1400		1100	ug/Kg	79				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2538-01MSD		Client Sample ID: POLE-SLEEVE-SOILMSD		DataFile: BF137990.D							
n-Nitrosodimethylamine	1400		1300	ug/Kg	93		16		66	124	20
Pyridine	1400		1100	ug/Kg	79		57	*	45	119	20
Benzaldehyde	1400		440	ug/Kg	31		14		26	163	20
Aniline	1400		1200	ug/Kg	86		42	*	10	88	20
Phenol	1400		1400	ug/Kg	100		15		67	126	20
bis(2-Chloroethyl)ether	1400		1300	ug/Kg	93		8		74	116	20
2-Chlorophenol	1400		1400	ug/Kg	100		15		61	138	20
1,2-Dichlorobenzene	1400		1300	ug/Kg	93		16		61	105	20
1,3-Dichlorobenzene	1400		1200	ug/Kg	86		8		62	101	20
1,4-Dichlorobenzene	1400		1300	ug/Kg	93		16		63	104	20
Benzyl Alcohol	1400		1500	ug/Kg	107		14		47	126	20
2-Methylphenol	1400		1400	ug/Kg	100		15		66	122	20
2,2-oxybis(1-Chloropropane)	1400		1400	ug/Kg	100		15		52	115	20
Acetophenone	1400		1300	ug/Kg	93		16		75	111	20
3+4-Methylphenols	1400		1400	ug/Kg	100		15		53	132	20
N-Nitroso-di-n-propylamine	1400		1400	ug/Kg	100		15		59	119	20
Hexachloroethane	1400		1300	ug/Kg	93		16		65	117	20
Nitrobenzene	1400		1200	ug/Kg	86		8		70	119	20
Isophorone	1400		1300	ug/Kg	93		8		76	122	20
2-Nitrophenol	1400		1400	ug/Kg	100		15		54	145	20
2,4-Dimethylphenol	1400		1500	ug/Kg	107		14		83	144	20
bis(2-Chloroethoxy)methane	1400		1300	ug/Kg	93		8		68	112	20
2,4-Dichlorophenol	1400		1400	ug/Kg	100		15		72	118	20
1,2,4-Trichlorobenzene	1400		1300	ug/Kg	93		16		57	103	20
Benzoic acid	1400		1300	ug/Kg	93		8		50	104	20
Naphthalene	1400		1300	ug/Kg	93		16		72	110	20
4-Chloroaniline	1400		1200	ug/Kg	86		26	*	10	100	20
Hexachlorobutadiene	1400		1200	ug/Kg	86		8		66	114	20
Caprolactam	1400		1500	ug/Kg	107		14		51	134	20
4-Chloro-3-methylphenol	1400		1400	ug/Kg	100		15		57	132	20
2-Methylnaphthalene	1400		1300	ug/Kg	93		8		59	123	20
Hexachlorocyclopentadiene	2800		2500	ug/Kg	89		0		10	175	20
2,4,6-Trichlorophenol	1400		1400	ug/Kg	100		15		72	117	20
2,4,5-Trichlorophenol	1400		1400	ug/Kg	100		15		72	117	20
1,1-Biphenyl	1400		1400	ug/Kg	100		15		75	113	20
2-Chloronaphthalene	1400		1300	ug/Kg	93		16		67	118	20
2-Nitroaniline	1400		1400	ug/Kg	100		15		69	127	20
Dimethylphthalate	1400		1400	ug/Kg	100		15		70	113	20
Acenaphthylene	1400		1400	ug/Kg	100		7		79	118	20
2,6-Dinitrotoluene	1400		1300	ug/Kg	93		8		70	125	20
3-Nitroaniline	1400		1300	ug/Kg	93		8		20	111	20
Acenaphthene	1400	140	1500	ug/Kg	97		16		70	121	20
Total PAH	22400	6440	26240	ug/Kg	88		20		70	121	20
2,4-Dinitrophenol	2800		1800	ug/Kg	64		6		16	160	20
4-Nitrophenol	2800		2700	ug/Kg	96		8		45	133	20
Dibenzofuran	1400	0	1400	ug/Kg	100		15		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2800		2700	ug/Kg	96		11		55	128	20
2,4-Dinitrotoluene	1400		1400	ug/Kg	100		15		55	128	20
Diethylphthalate	1400		1400	ug/Kg	100		7		70	112	20
4-Chlorophenyl-phenylether	1400		1300	ug/Kg	93		8		71	108	20
Fluorene	1400	150	1400	ug/Kg	89		17		68	116	20
4-Nitroaniline	1400		1300	ug/Kg	93		8		55	120	20
4,6-Dinitro-2-methylphenol	1400		1200	ug/Kg	86		0		32	145	20
N-Nitrosodiphenylamine	1400		1600	ug/Kg	114		20		73	118	20
Azobenzene	1400		1300	ug/Kg	93		8		73	110	20
4-Bromophenyl-phenylether	1400		1500	ug/Kg	107		14		65	121	20
Hexachlorobenzene	1400		1400	ug/Kg	100		15		67	118	20
Atrazine	1400		1700	ug/Kg	121		6		79	127	20
Pentachlorophenol	2800		2700	ug/Kg	96		16		47	128	20
Phenanthrene	1400	950	2100	ug/Kg	82		29	*	72	113	20
Anthracene	1400	260	1600	ug/Kg	96		17		62	124	20
Carbazole	1400	0	1300	ug/Kg	93		8		59	119	20
Di-n-butylphthalate	1400	260	1700	ug/Kg	103		15		69	118	20
Fluoranthene	1400	1100	2200	ug/Kg	79		45	*	59	125	20
Benzydine	2800		1100	ug/Kg	39		8		10	119	20
Pyrene	1400	1000	1800	ug/Kg	57		13		52	128	20
Butylbenzylphthalate	1400	6300	6400	ug/Kg	7	*	67	*	64	126	20
3,3-Dichlorobenzidine	1400		1700	ug/Kg	121		19		10	164	20
Benzo(a)anthracene	1400	590	1900	ug/Kg	94		17		71	114	20
Chrysene	1400	530	1900	ug/Kg	98		25	*	57	121	20
bis(2-Ethylhexyl)phthalate	1400		1600	ug/Kg	114		0		66	127	20
Di-n-octyl phthalate	1400		2000	ug/Kg	143	*	5		71	126	20
Benzo(b)fluoranthene	1400	650	2300	ug/Kg	118		36	*	67	121	20
Benzo(k)fluoranthene	1400	200	1800	ug/Kg	114		20		74	114	20
Benzo(a)pyrene	1400	540	2000	ug/Kg	104		22	*	70	142	20
Indeno(1,2,3-cd)pyrene	1400	160	1100	ug/Kg	67		20		61	125	20
Dibenz(a,h)anthracene	1400	0	940	ug/Kg	67		13		67	130	20
Benzo(g,h,i)perylene	1400	170	1000	ug/Kg	59		27	*	53	140	20
1,2,4,5-Tetrachlorobenzene	1400		1400	ug/Kg	100		15		69	124	20
1,4-Dioxane	1400		1100	ug/Kg	79		18		46	112	20
2,3,4,6-Tetrachlorophenol	1400		1400	ug/Kg	100		15		56	133	20
1-Methylnaphthalene	1400		1200	ug/Kg	86		8		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2525-01MS		Client Sample ID: WC-MH-AAMS		DataFile: BF137981.D							
n-Nitrosodimethylamine	1100		970	ug/Kg	88				66	124	
Pyridine	1100		910	ug/Kg	83				45	119	
Benzaldehyde	1100		300	ug/Kg	27				26	163	
Aniline	1100		570	ug/Kg	52				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		980	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1100		950	ug/Kg	86				62	101	
1,4-Dichlorobenzene	1100		960	ug/Kg	87				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		980	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		980	ug/Kg	89				53	132	
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91				59	119	
Hexachloroethane	1100		960	ug/Kg	87				65	117	
Nitrobenzene	1100		950	ug/Kg	86				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1000	ug/Kg	91				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		960	ug/Kg	87				57	103	
Benzoic acid	1100		960	ug/Kg	87				50	104	
Naphthalene	1100		970	ug/Kg	88				72	110	
4-Chloroaniline	1100		230	ug/Kg	21				10	100	
Hexachlorobutadiene	1100		940	ug/Kg	85				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		990	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	2300		2800	ug/Kg	122				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		980	ug/Kg	89				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		990	ug/Kg	90				70	125	
3-Nitroaniline	1100		630	ug/Kg	57				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		15770	ug/Kg	90				70	121	
2,4-Dinitrophenol	2300		1600	ug/Kg	70				16	160	
4-Nitrophenol	2300		2300	ug/Kg	100				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1990	ug/Kg	90				55	128	
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		970	ug/Kg	88				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		990	ug/Kg	90				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2300		2000	ug/Kg	87				47	128	
Phenanthrene	1100		1000	ug/Kg	91				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2300		1600	ug/Kg	70				10	119	
Pyrene	1100		800	ug/Kg	73				52	128	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		630	ug/Kg	57				10	164	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		1000	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118				66	127	
Di-n-octyl phthalate	1100		1600	ug/Kg	145	*			71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		820	ug/Kg	75				61	125	
Dibenz(a,h)anthracene	1100		830	ug/Kg	75				67	130	
Benzo(g,h,i)perylene	1100		650	ug/Kg	59				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		930	ug/Kg	85				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2525-01MSD		Client Sample ID: WC-MH-AAMSD		DataFile: BF137982.D							
n-Nitrosodimethylamine	1100		960	ug/Kg	87		1		66	124	20
Pyridine	1100		900	ug/Kg	82		1		45	119	20
Benzaldehyde	1100		310	ug/Kg	28		4		26	163	20
Aniline	1100		660	ug/Kg	60		14		10	88	20
Phenol	1100		1000	ug/Kg	91		0		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		0		74	116	20
2-Chlorophenol	1100		1000	ug/Kg	91		0		61	138	20
1,2-Dichlorobenzene	1100		960	ug/Kg	87		2		61	105	20
1,3-Dichlorobenzene	1100		930	ug/Kg	85		1		62	101	20
1,4-Dichlorobenzene	1100		950	ug/Kg	86		1		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		9		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		2		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91		0		52	115	20
Acetophenone	1100		990	ug/Kg	90		1		75	111	20
3+4-Methylphenols	1100		1000	ug/Kg	91		2		53	132	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		0		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		1		65	117	20
Nitrobenzene	1100		920	ug/Kg	84		2		70	119	20
Isophorone	1100		1000	ug/Kg	91		0		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		0		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		0		83	144	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		0		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		0		72	118	20
1,2,4-Trichlorobenzene	1100		940	ug/Kg	85		2		57	103	20
Benzoic acid	1100		940	ug/Kg	85		2		50	104	20
Naphthalene	1100		950	ug/Kg	86		2		72	110	20
4-Chloroaniline	1100		200	ug/Kg	18		15		10	100	20
Hexachlorobutadiene	1100		920	ug/Kg	84		1		66	114	20
Caprolactam	1100		1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		9		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		1		59	123	20
Hexachlorocyclopentadiene	2300		2500	ug/Kg	109		11		10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
1,1-Biphenyl	1100		960	ug/Kg	87		4		75	113	20
2-Chloronaphthalene	1100		930	ug/Kg	85		5		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		0		69	127	20
Dimethylphthalate	1100		1000	ug/Kg	91		0		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		9		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		1		70	125	20
3-Nitroaniline	1100		640	ug/Kg	58		2		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		9		70	121	20
Total PAH	17600		15310	ug/Kg	87		3		70	121	20
2,4-Dinitrophenol	2300		1600	ug/Kg	70		0		16	160	20
4-Nitrophenol	2300		2100	ug/Kg	91		9		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2000	ug/Kg	91		1		55	128	20
2,4-Dinitrotoluene	1100		1000	ug/Kg	91		0		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		0		71	108	20
Fluorene	1100		1000	ug/Kg	91		0		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		940	ug/Kg	85		3		32	145	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		1100	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		0		65	121	20
Hexachlorobenzene	1100		970	ug/Kg	88		2		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2300		1800	ug/Kg	78		11		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		0		72	113	20
Anthracene	1100		1000	ug/Kg	91		9		62	124	20
Carbazole	1100		990	ug/Kg	90		11		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		940	ug/Kg	85		16		59	125	20
Benzydine	2300		1700	ug/Kg	74		6		10	119	20
Pyrene	1100		970	ug/Kg	88		19		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	24	*	64	126	20
3,3-Dichlorobenzidine	1100		620	ug/Kg	56		2		10	164	20
Benzo(a)anthracene	1100		1000	ug/Kg	91		0		71	114	20
Chrysene	1100		1000	ug/Kg	91		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136	*	14		66	127	20
Di-n-octyl phthalate	1100		1600	ug/Kg	145	*	0		71	126	20
Benzo(b)fluoranthene	1100		1000	ug/Kg	91		9		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		0		74	114	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		790	ug/Kg	72		4		61	125	20
Dibenz(a,h)anthracene	1100		810	ug/Kg	74		1		67	130	20
Benzo(g,h,i)perylene	1100		650	ug/Kg	59		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		970	ug/Kg	88		3		69	124	20
1,4-Dioxane	1100		820	ug/Kg	75		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		0		56	133	20
1-Methylnaphthalene	1100		940	ug/Kg	85		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF052124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2500-01	B-112-SB01	BF137986.D	2-Fluorophenol	150	91.13	61		18	112
			Phenol-d6	150	94.82	63		15	107
			Nitrobenzene-d5	100	64.76	65		18	107
			2-Fluorobiphenyl	100	60.97	61		20	109
			2,4,6-Tribromophenol	150	90.79	61		10	110
			Terphenyl-d14	100	59.61	60		14	112
P2500-02	B-112-SB02	BF137977.D	2-Fluorophenol	150	101.54	68		18	112
			Phenol-d6	150	104.33	70		15	107
			Nitrobenzene-d5	100	67.79	68		18	107
			2-Fluorobiphenyl	100	64.96	65		20	109
			2,4,6-Tribromophenol	150	106.35	71		10	110
			Terphenyl-d14	100	72.17	72		14	112
P2500-02MS	B-112-SB02MS	BF137978.D	2-Fluorophenol	150	95.11	63		18	112
			Phenol-d6	150	95.88	64		15	107
			Nitrobenzene-d5	100	62.68	63		18	107
			2-Fluorobiphenyl	100	62.27	62		20	109
			2,4,6-Tribromophenol	150	109.52	73		10	110
			Terphenyl-d14	100	68.47	68		14	112
P2500-02MSD	B-112-SB02MSD	BF137979.D	2-Fluorophenol	150	99.88	67		18	112
			Phenol-d6	150	99.39	66		15	107
			Nitrobenzene-d5	100	66.98	67		18	107
			2-Fluorobiphenyl	100	68.97	69		20	109
			2,4,6-Tribromophenol	150	108.81	73		10	110
			Terphenyl-d14	100	55.21	55		14	112
P2512-01DL	WCS-TPJDL	BF137985.D	2-Fluorophenol	150	67.70	45		18	112
			Phenol-d6	150	68.62	46		15	107
			Nitrobenzene-d5	100	43.02	43		18	107
			2-Fluorobiphenyl	100	47.50	47		20	109
			2,4,6-Tribromophenol	150	56.48	38		10	110
			Terphenyl-d14	100	44.11	44		14	112
P2519-01	B2COMP(0-8)	BF137991.D	2-Fluorophenol	150	36.43	24		18	112
			Phenol-d6	150	83.01	55		15	107
			Nitrobenzene-d5	100	59.84	60		18	107
			2-Fluorobiphenyl	100	60.95	61		20	109
			2,4,6-Tribromophenol	150	15.26	10		10	110
			Terphenyl-d14	100	45.64	46		14	112
PB160974BL	PB160974BL	BF137972.D	2-Fluorophenol	150	116.11	77		18	112
			Phenol-d6	150	114.50	76		15	107
			Nitrobenzene-d5	100	77.59	78		18	107
			2-Fluorobiphenyl	100	76.85	77		20	109
			2,4,6-Tribromophenol	150	128.41	86		10	110
			Terphenyl-d14	100	78.77	79		14	112
PB160974BS	PB160974BS	BF137973.D	2-Fluorophenol	150	124.66	83		18	112
			Phenol-d6	150	124.32	83		15	107
			Nitrobenzene-d5	100	83.37	83		18	107
			2-Fluorobiphenyl	100	82.98	83		20	109
			2,4,6-Tribromophenol	150	140.46	94		10	110
			Terphenyl-d14	100	88.90	89		14	112



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Surrogate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160966TB	PB160966TB	BF137976.D	2-Fluorophenol	150	138.32	92		10	139
			Phenol-d6	150	135.08	90		10	134
			Nitrobenzene-d5	100	91.96	92		49	133
			2-Fluorobiphenyl	100	89.03	89		52	132
			2,4,6-Tribromophenol	150	149.58	100		32	145
			Terphenyl-d14	100	93.63	94		36	145

Surrogate Summary

SW-846

SDG No.: **BF052124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2525-01	WC-MH-AA	BF137980.D	2-Fluorophenol	150	86.62	58		18	112
			Phenol-d6	150	88.41	59		15	107
			Nitrobenzene-d5	100	57.57	58		18	107
			2-Fluorobiphenyl	100	58.71	59		20	109
			2,4,6-Tribromophenol	150	92.33	62		10	110
			Terphenyl-d14	100	58.42	58		14	112
P2525-01MS	WC-MH-AAMS	BF137981.D	2-Fluorophenol	150	97.40	65		18	112
			Phenol-d6	150	98.03	65		15	107
			Nitrobenzene-d5	100	65.37	65		18	107
			2-Fluorobiphenyl	100	67.44	67		20	109
			2,4,6-Tribromophenol	150	106.92	71		10	110
			Terphenyl-d14	100	55.34	55		14	112
P2525-01MSD	WC-MH-AAMSD	BF137982.D	2-Fluorophenol	150	97.32	65		18	112
			Phenol-d6	150	98.25	65		15	107
			Nitrobenzene-d5	100	64.87	65		18	107
			2-Fluorobiphenyl	100	63.94	64		20	109
			2,4,6-Tribromophenol	150	107.08	71		10	110
			Terphenyl-d14	100	69.05	69		14	112
P2531-01	MH-B	BF137987.D	2-Fluorophenol	150	85.16	57		18	112
			Phenol-d6	150	88.56	59		15	107
			Nitrobenzene-d5	100	57.20	57		18	107
			2-Fluorobiphenyl	100	56.36	56		20	109
			2,4,6-Tribromophenol	150	83.37	56		10	110
			Terphenyl-d14	100	55.30	55		14	112
PB160998BL	PB160998BL	BF137974.D	2-Fluorophenol	150	116.90	78		18	112
			Phenol-d6	150	115.28	77		15	107
			Nitrobenzene-d5	100	79.01	79		18	107
			2-Fluorobiphenyl	100	76.75	77		20	109
			2,4,6-Tribromophenol	150	127.58	85		10	110
			Terphenyl-d14	100	76.28	76		14	112
PB160998BS	PB160998BS	BF137975.D	2-Fluorophenol	150	122.09	81		18	112
			Phenol-d6	150	124.14	83		15	107
			Nitrobenzene-d5	100	82.86	83		18	107
			2-Fluorobiphenyl	100	82.35	82		20	109
			2,4,6-Tribromophenol	150	139.59	93		10	110
			Terphenyl-d14	100	87.94	88		14	112

Surrogate Summary

SW-846

SDG No.: **BF052124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2538-01	POLE-SLEEVE-SCBF137988.D		2-Fluorophenol	150	102.37	68		18	112
			Phenol-d6	150	105.45	70		15	107
			Nitrobenzene-d5	100	69.52	70		18	107
			2-Fluorobiphenyl	100	64.76	65		20	109
			2,4,6-Tribromophenol	150	109.86	73		10	110
			Terphenyl-d14	100	58.93	59		14	112
P2538-01MS	POLE-SLEEVE-SCBF137989.D		2-Fluorophenol	150	88.46	59		18	112
			Phenol-d6	150	90.92	61		15	107
			Nitrobenzene-d5	100	58.92	59		18	107
			2-Fluorobiphenyl	100	56.99	57		20	109
			2,4,6-Tribromophenol	150	95.26	64		10	110
			Terphenyl-d14	100	50.02	50		14	112
P2538-01MSD	POLE-SLEEVE-SCBF137990.D		2-Fluorophenol	150	103.09	69		18	112
			Phenol-d6	150	105.48	70		15	107
			Nitrobenzene-d5	100	69.12	69		18	107
			2-Fluorobiphenyl	100	66.30	66		20	109
			2,4,6-Tribromophenol	150	102.86	69		10	110
			Terphenyl-d14	100	49.16	49		14	112
P2539-01	WCS-TPQ	BF137992.D	2-Fluorophenol	150	74.74	50		18	112
			Phenol-d6	150	75.66	50		15	107
			Nitrobenzene-d5	100	50.64	51		18	107
			2-Fluorobiphenyl	100	48.39	48		20	109
			2,4,6-Tribromophenol	150	63.03	42		10	110
			Terphenyl-d14	100	37.29	37		14	112
P2539-05	WCS-TPP	BF137993.D	2-Fluorophenol	150	42.69	28		18	112
			Phenol-d6	150	43.45	29		15	107
			Nitrobenzene-d5	100	28.08	28		18	107
			2-Fluorobiphenyl	100	31.95	32		20	109
			2,4,6-Tribromophenol	150	35.52	24		10	110
			Terphenyl-d14	100	23.03	23		14	112
P2540-01	CONCRETE-COM	BF137983.D	2-Fluorophenol	150	32.29	22		18	112
			Phenol-d6	150	64.09	43		15	107
			Nitrobenzene-d5	100	54.53	55		18	107
			2-Fluorobiphenyl	100	56.81	57		20	109
			2,4,6-Tribromophenol	150	16.09	11		10	110
			Terphenyl-d14	100	63.82	64		14	112



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

Surrogate Summary

SW-846

SDG No.: BF052124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2538-03	POLE-SLEEVE-SCBF137984.D		2-Fluorophenol	150	117.22	78		10	139
			Phenol-d6	150	108.94	73		10	134
			Nitrobenzene-d5	100	86.19	86		49	133
			2-Fluorobiphenyl	100	82.86	83		52	132
			2,4,6-Tribromophenol	150	138.49	92		32	145
			Terphenyl-d14	100	89.73	90		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052124

Lab Code: CHEM

SAS No.: BF052124

SDG NO.: BF052124

Lab File ID: BF137970.D

DFTPP Injection Date: 05/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.7
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.5 (19.1) 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	BF137971.D	05/21/2024	11:22
PB160974BL	PB160974BL	BF137972.D	05/21/2024	11:51
PB160974BS	PB160974BS	BF137973.D	05/21/2024	12:22
PB160998BL	PB160998BL	BF137974.D	05/21/2024	12:52
PB160998BS	PB160998BS	BF137975.D	05/21/2024	13:23
PB160966TB	PB160966TB	BF137976.D	05/21/2024	13:54
B-112-SB02	P2500-02	BF137977.D	05/21/2024	14:38
B-112-SB02MS	P2500-02MS	BF137978.D	05/21/2024	15:08
B-112-SB02MSD	P2500-02MSD	BF137979.D	05/21/2024	15:38
WC-MH-AA	P2525-01	BF137980.D	05/21/2024	16:09
WC-MH-AAMS	P2525-01MS	BF137981.D	05/21/2024	16:40
WC-MH-AAMSD	P2525-01MSD	BF137982.D	05/21/2024	17:11
CONCRETE-COMP	P2540-01	BF137983.D	05/21/2024	17:42
POLE-SLEEVE-SOIL	P2538-03	BF137984.D	05/21/2024	18:12
WCS-TPJDL	P2512-01DL	BF137985.D	05/21/2024	18:44
B-112-SB01	P2500-01	BF137986.D	05/21/2024	19:14
MH-B	P2531-01	BF137987.D	05/21/2024	19:45
POLE-SLEEVE-SOIL	P2538-01	BF137988.D	05/21/2024	20:15

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052124

Lab Code: CHEM

SAS No.: BF052124

SDG NO.: BF052124

Lab File ID: BF137970.D

DFTPP Injection Date: 05/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.7
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.5 (19.1) 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
POLE-SLEEVE-SOILMS	P2538-01MS	BF137989.D	05/21/2024	20:46
POLE-SLEEVE-SOILMSD	P2538-01MSD	BF137990.D	05/21/2024	21:15
B2COMP (0-8)	P2519-01	BF137991.D	05/21/2024	21:45
WCS-TPQ	P2539-01	BF137992.D	05/21/2024	22:15
WCS-TPP	P2539-05	BF137993.D	05/21/2024	22:46