

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG No.: BF051724

Instrument ID: BNA_F Calibration Date/Time: 5/17/2024 11:22

Lab File ID: BF137924.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	0.506		0.198	
Pyridine	1.144	1.237		8.129	
2-Fluorophenol	1.177	1.155		-1.869	
Benzaldehyde	0.785	0.777		-1.019	
Aniline	1.297	1.396		7.633	
Phenol-d6	1.450	1.428		-1.517	
Phenol	1.464	1.442		-1.503	20.0
bis(2-Chloroethyl) ether	1.124	1.105		-1.69	
2-Chlorophenol	1.274	1.257		-1.334	
1,2-Dichlorobenzene	1.393	1.353		-2.872	
1,3-Dichlorobenzene	1.474	1.437		-2.51	
1,4-Dichlorobenzene	1.480	1.468		-0.811	20.0
Benzyl Alcohol	1.005	1.013		0.796	
2-Methylphenol	1.016	1.019		0.295	
2,2-oxybis(1-Chloropropane)	1.382	1.353		-2.098	
Acetophenone	0.448	0.430		-4.018	
3+4-Methylphenols	1.331	1.325		-0.451	
n-Nitroso-di-n-propylamine	0.815	0.799	0.050	-1.963	
Nitrobenzene-d5	0.340	0.334		-1.765	
Hexachloroethane	0.501	0.494		-1.397	
Nitrobenzene	0.345	0.340		-1.449	
Isophorone	0.590	0.576		-2.373	
2-Nitrophenol	0.173	0.173		0.0	20.0
2,4-Dimethylphenol	0.223	0.221		-0.897	
bis(2-Chloroethoxy) methane	0.357	0.347		-2.801	
2,4-Dichlorophenol	0.280	0.277		-1.071	20.0
1,2,4-Trichlorobenzene	0.313	0.305		-2.556	
Benzoic acid	0.189	0.192		1.587	
Naphthalene	1.006	0.977		-2.883	
4-Chloroaniline	0.330	0.348		5.455	
Hexachlorobutadiene	0.198	0.192		-3.03	20.0
Caprolactam	0.081	0.084		3.704	
4-Chloro-3-methylphenol	0.285	0.293		2.807	20.0
2-Methylnaphthalene	0.646	0.627		-2.941	
Hexachlorocyclopentadiene	0.207	0.210	0.050	1.449	
2,4,6-Trichlorophenol	0.357	0.347		-2.801	20.0
2-Fluorobiphenyl	1.298	1.216		-6.317	
2,4,5-Trichlorophenol	0.390	0.391		0.256	
1,1-Biphenyl	1.403	1.345		-4.134	

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Lab File ID: BF137924.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	1.077		-3.839	
2-Nitroaniline	0.287	0.291		1.394	
Dimethylphthalate	1.254	1.233		-1.675	
Acenaphthylene	1.610	1.567		-2.671	
2,6-Dinitrotoluene	0.288	0.293		1.736	
3-Nitroaniline	0.281	0.296		5.338	
Acenaphthene	1.064	1.055		-0.846	20.0
2,4-Dinitrophenol	0.129	0.136	0.050	5.426	
4-Nitrophenol	0.202	0.225	0.050	11.386	
Dibenzofuran	1.549	1.502		-3.034	
2,4-Dinitrotoluene	0.372	0.392		5.376	
Diethylphthalate	1.171	1.175		0.342	
4-Chlorophenyl-phenylether	0.604	0.594		-1.656	
Fluorene	1.225	1.196		-2.367	
4-Nitroaniline	0.267	0.291		8.989	
4,6-Dinitro-2-methylphenol	0.115	0.118		2.609	
n-Nitrosodiphenylamine	0.613	0.579		-5.546	20.0
Azobenzene	1.065	1.060		-0.469	
2,4,6-Tribromophenol	0.202	0.208		2.97	
4-Bromophenyl-phenylether	0.219	0.209		-4.566	
Hexachlorobenzene	0.242	0.231		-4.545	
Atrazine	0.167	0.166		-0.599	
Pentachlorophenol	0.142	0.155		9.155	20.0
Phenanthrene	0.986	0.952		-3.448	
Anthracene	0.978	0.946		-3.272	
Carbazole	0.893	0.891		-0.224	
Di-n-butylphthalate	0.991	1.017		2.624	
Fluoranthene	1.000	1.032		3.2	20.0
Benzidine	0.261	0.381		45.977	
Pyrene	1.749	1.604		-8.29	
Terphenyl-d14	1.357	1.232		-9.211	
Butylbenzylphthalate	0.528	0.550		4.167	
3,3-Dichlorobenzidine	0.351	0.361		2.849	
Benzo(a)anthracene	1.265	1.242		-1.818	
Chrysene	1.210	1.165		-3.719	
Bis(2-ethylhexyl)phthalate	0.663	0.716		7.994	
Di-n-octyl phthalate	0.896	0.996		11.161	20.0
Benzo(b)fluoranthene	1.158	1.232		6.39	
Benzo(k)fluoranthene	1.138	1.121		-1.494	

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Instrument ID: BNA_F Calibration Date/Time: 5/17/2024 11:22

Lab File ID: BF137924.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	0.986		-0.303	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.159		-9.805	
Dibenzo(a,h)anthracene	1.062	0.949		-10.64	
Benzo(g,h,i)perylene	1.115	0.991		-11.121	
1,2,4,5-Tetrachlorobenzene	0.544	0.521		-4.228	
1,4-Dioxane	0.510	0.512		0.392	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.310		1.307	
1-Methylnaphthalene	0.635	0.618		-2.677	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	5/16/2024 12:00:00 AM	
Project:				Date Received:	5/16/2024 12:00:00 AM	
Client Sample ID:	PB160948BL			SDG No.:	BF051724	
Lab Sample ID:	PB160948BL			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
BF137925.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BL	SDG No.:	BF051724
Lab Sample ID:	PB160948BL	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
BF137925.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BL	SDG No.:	BF051724
Lab Sample ID:	PB160948BL	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
BF137925.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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	131.084		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.214		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.799		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.935		20-109		88	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:	PB160948BL	SDG No.:	BF051724
Lab Sample ID:	PB160948BL	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
BF137925.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.651		10-110		92	SPK: -150
1718-51-0	Terphenyl-d14	87.86		14-112		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133912	7.039				
1146-65-2	Naphthalene-d8	515410	8.322				
15067-26-2	Acenaphthene-d10	287035	10.086				
1517-22-2	Phenanthrene-d10	509039	11.574				
1719-03-5	Chrysene-d12	313175	14.227				
1520-96-3	Perylene-d12	254904	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	7200	J			2.122	
000994-05-8	Butane, 2-methoxy-2-methyl-	98.6	J			2.475	

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BS	SDG No.:	BF051724
Lab Sample ID:	PB160921BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF137926.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.6		1	8	10	ug/L
110-86-1	Pyridine	37.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	23.6		4	8	10	ug/L
62-53-3	Aniline	33		1.6	4	5	ug/L
108-95-2	Phenol	43.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.3		1.4	4	5	ug/L
98-86-2	Acetophenone	43.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43		1	4	5	ug/L
98-95-3	Nitrobenzene	41		1.3	4	5	ug/L
78-59-1	Isophorone	43.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	44.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	46.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.2		5.5	8	10	ug/L
91-20-3	Naphthalene	41.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	19		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BS	SDG No.:	BF051724
Lab Sample ID:	PB160921BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137926.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	45.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	46.2		0.81	4	5	ug/L
Total PAH	Total PAH	718		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	83.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	42.7		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.8		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	43.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.2		0.98	4	5	ug/L
86-73-7	Fluorene	42		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43		0.89	4	5	ug/L
103-33-3	Azobenzene	44.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.1		1.1	4	5	ug/L
1912-24-9	Atrazine	52.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BS	SDG No.:	BF051724
Lab Sample ID:	PB160921BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF137926.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.1		0.89	4	5	ug/L
120-12-7	Anthracene	44.3		1.1	4	5	ug/L
86-74-8	Carbazole	43.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.5		1.3	4	5	ug/L
92-87-5	Benzidine	41.8		4.1	8	10	ug/L
129-00-0	Pyrene	41.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.2		0.94	4	5	ug/L
218-01-9	Chrysene	44		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	35.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.046		10-139		83	SPK: -150
13127-88-3	Phenol-d6	122.966		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	81.751		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.839		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160921BS	SDG No.:	BF051724
Lab Sample ID:	PB160921BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137926.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.649		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	82.139		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148071	7.04				
1146-65-2	Naphthalene-d8	587024	8.328				
15067-26-2	Acenaphthene-d10	334060	10.086				
1517-22-2	Phenanthrene-d10	573148	11.58				
1719-03-5	Chrysene-d12	344869	14.233				
1520-96-3	Perylene-d12	277552	15.792				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-04-229	SDG No.:	BF051724
Lab Sample ID:	P2482-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137927.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-04-229	SDG No.:	BF051724
Lab Sample ID:	P2482-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137927.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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	U	84	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	97.9	U	97.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.5	U	95.5	150	200	ug/Kg
Total PAH	Total PAH	1557.9	U	1557.9	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	99.3	U	99.3	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.9	U	197.9	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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-04-229	SDG No.:	BF051724
Lab Sample ID:	P2482-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137927.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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	98.9	U	98.9	150	200	ug/Kg
120-12-7	Anthracene	99.3	U	99.3	150	200	ug/Kg
86-74-8	Carbazole	94.5	U	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	96.2	U	96.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.7	U	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	95	U	95	150	200	ug/Kg
218-01-9	Chrysene	93.6	U	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	95.5	U	95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.2	U	97.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.9	U	91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.6	U	95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.3	U	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	97.9	U	97.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.05		18-112		51	SPK: -150
13127-88-3	Phenol-d6	76.339		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	50.91		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	52.271		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-04-229	SDG No.:	BF051724
Lab Sample ID:	P2482-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137927.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.321		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	44.194		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118774	7.039				
1146-65-2	Naphthalene-d8	453461	8.322				
15067-26-2	Acenaphthene-d10	259913	10.08				
1517-22-2	Phenanthrene-d10	481550	11.574				
1719-03-5	Chrysene-d12	381505	14.227				
1520-96-3	Perylene-d12	309506	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.387	

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:	WCS-TPK	SDG No.:	BF051724
Lab Sample ID:	P2486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137928.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.5	U	66.5	89.2	120	ug/Kg
108-95-2	Phenol	56.9	U	56.9	89.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.3	U	57.3	89.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	89.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.3	U	55.3	89.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.2	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.9	54.9	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.2	120	ug/Kg
98-95-3	Nitrobenzene	62.3	U	62.3	89.2	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.8	U	51.8	89.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.6	U	58.6	89.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	89.2	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.2	120	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:	WCS-TPK	SDG No.:	BF051724
Lab Sample ID:	P2486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137928.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.6	U	56.6	89.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	89.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.2	U	65.2	89.2	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.2	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.1	U	57.1	89.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.2	U	61.2	89.2	120	ug/Kg
83-32-9	Acenaphthene	55.6	U	55.6	89.2	120	ug/Kg
Total PAH	Total PAH	908.8	U	908.8	89.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.6	U	79.6	190	230	ug/Kg
132-64-9	Dibenzofuran	57.9	U	57.9	89.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.2	U	116.2	89.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.2	120	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.2	120	ug/Kg
86-73-7	Fluorene	58.6	U	58.6	89.2	120	ug/Kg
100-01-6	4-Nitroaniline	73.4	U	73.4	89.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.3	U	80.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56	U	56	89.2	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.2	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.2	120	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	89.2	120	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:	WCS-TPK	SDG No.:	BF051724
Lab Sample ID:	P2486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137928.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	57.6	U	57.6	89.2	120	ug/Kg
120-12-7	Anthracene	57.9	U	57.9	89.2	120	ug/Kg
86-74-8	Carbazole	55.1	U	55.1	89.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.2	120	ug/Kg
206-44-0	Fluoranthene	56	U	56	89.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	56.9	U	56.9	89.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.4	U	66.4	89.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.4	U	55.4	89.2	120	ug/Kg
218-01-9	Chrysene	54.5	U	54.5	89.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.5	U	75.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.6	U	55.6	89.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	U	56.7	89.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.8	U	63.8	89.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.6	U	53.6	89.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.7	U	55.7	89.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.9	U	54.9	89.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.2	120	ug/Kg
123-91-1	1,4-Dioxane	75.5	U	75.5	89.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.1	U	57.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.223		18-112		75	SPK: -150
13127-88-3	Phenol-d6	114.654		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	74.46		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	72.264		20-109		72	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:	WCS-TPK	SDG No.:	BF051724
Lab Sample ID:	P2486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137928.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.266		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	63.715		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118273	7.039				
1146-65-2	Naphthalene-d8	458804	8.322				
15067-26-2	Acenaphthene-d10	264821	10.086				
1517-22-2	Phenanthrene-d10	475629	11.574				
1719-03-5	Chrysene-d12	379303	14.227				
1520-96-3	Perylene-d12	316893	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.398	
004254-14-2	R-(-)-1,2-propanediol	75.5	J			3.675	

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:	WCS-TPKMS	SDG No.:	BF051724
Lab Sample ID:	P2486-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137929.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.5	190	230	ug/Kg
110-86-1	Pyridine	970		54.8	89.1	120	ug/Kg
100-52-7	Benzaldehyde	380		120	190	230	ug/Kg
62-53-3	Aniline	1000		66.4	89.1	120	ug/Kg
108-95-2	Phenol	1100		56.8	89.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.4	89.1	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.2	89.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		58	89.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	990		59	89.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		59.3	89.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.3	89.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		62.3	89.1	120	ug/Kg
98-86-2	Acetophenone	1000		59.6	89.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.6	54.8	54.8	ug/Kg
67-72-1	Hexachloroethane	990		56.9	89.1	120	ug/Kg
98-95-3	Nitrobenzene	980		62.2	89.1	120	ug/Kg
78-59-1	Isophorone	1000		58	89.1	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.8	89.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		63.9	89.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		58.8	89.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.8	89.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	990		58.5	89.1	120	ug/Kg
65-85-0	Benzoic acid	680		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		56.6	89.1	120	ug/Kg
106-47-8	4-Chloroaniline	710		56.6	89.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	960		57.1	89.1	120	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:	WCS-TPKMS	SDG No.:	BF051724
Lab Sample ID:	P2486-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137929.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.1	89.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		56.6	89.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.9	89.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.7	89.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.9	89.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	990		57.1	89.1	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.1	89.1	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56	89.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.3	89.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57	89.1	120	ug/Kg
99-09-2	3-Nitroaniline	880		61.2	89.1	120	ug/Kg
83-32-9	Acenaphthene	1100		55.6	89.1	120	ug/Kg
Total PAH	Total PAH	17330		908.4	89.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2600	E	79.5	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		57.9	89.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.1	89.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.1	89.1	120	ug/Kg
84-66-2	Diethylphthalate	1100		54.9	89.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.7	89.1	120	ug/Kg
86-73-7	Fluorene	1100		58.6	89.1	120	ug/Kg
100-01-6	4-Nitroaniline	1200		73.4	89.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		80.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.9	89.1	120	ug/Kg
103-33-3	Azobenzene	1100		54.6	89.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		54.1	89.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		58.3	89.1	120	ug/Kg
1912-24-9	Atrazine	1300		62.7	89.1	120	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:	WCS-TPKMS	SDG No.:	BF051724
Lab Sample ID:	P2486-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137929.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	53	190	230	ug/Kg
85-01-8	Phenanthrene	1100		57.6	89.1	120	ug/Kg
120-12-7	Anthracene	1100		57.9	89.1	120	ug/Kg
86-74-8	Carbazole	1100		55	89.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.8	89.1	120	ug/Kg
206-44-0	Fluoranthene	1100		56	89.1	120	ug/Kg
92-87-5	Benzidine	2400	E	110	190	230	ug/Kg
129-00-0	Pyrene	930		56.9	89.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		66.4	89.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.3	89.1	120	ug/Kg
218-01-9	Chrysene	1100		54.5	89.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		62.4	89.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.6	89.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56.6	89.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.8	89.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53.5	89.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.7	89.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		54.9	89.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		59.5	89.1	120	ug/Kg
123-91-1	1,4-Dioxane	880		75.4	89.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.2	89.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	980		57	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.875		18-112		73	SPK: -150
13127-88-3	Phenol-d6	109.521		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	71.451		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.031		20-109		70	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:	WCS-TPKMS	SDG No.:	BF051724
Lab Sample ID:	P2486-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF137929.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.099		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	66.3		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121012	7.039				
1146-65-2	Naphthalene-d8	477862	8.328				
15067-26-2	Acenaphthene-d10	274002	10.086				
1517-22-2	Phenanthrene-d10	488490	11.58				
1719-03-5	Chrysene-d12	347438	14.233				
1520-96-3	Perylene-d12	291588	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:	WCS-TPKMSD	SDG No.:	BF051724
Lab Sample ID:	P2486-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137930.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.5	190	230	ug/Kg
110-86-1	Pyridine	1000		54.8	89.1	120	ug/Kg
100-52-7	Benzaldehyde	390		120	190	230	ug/Kg
62-53-3	Aniline	1000		66.4	89.1	120	ug/Kg
108-95-2	Phenol	1100		56.8	89.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.4	89.1	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.2	89.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		58	89.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		58.9	89.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		59.3	89.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.2	89.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		62.3	89.1	120	ug/Kg
98-86-2	Acetophenone	1100		59.5	89.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.6	54.8	54.8	ug/Kg
67-72-1	Hexachloroethane	1000		56.9	89.1	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.2	89.1	120	ug/Kg
78-59-1	Isophorone	1100		58	89.1	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.8	89.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.9	89.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.8	89.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.7	89.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		58.5	89.1	120	ug/Kg
65-85-0	Benzoic acid	730		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		56.6	89.1	120	ug/Kg
106-47-8	4-Chloroaniline	720		56.6	89.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	960		57.1	89.1	120	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:	WCS-TPKMSD			SDG No.:	BF051724	
Lab Sample ID:	P2486-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.6	
Sample Wt/Vol:	50.09	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137930.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.1	89.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		56.5	89.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.9	89.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.7	89.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.9	89.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		57.1	89.1	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.1	89.1	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56	89.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.3	89.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57	89.1	120	ug/Kg
99-09-2	3-Nitroaniline	880		61.1	89.1	120	ug/Kg
83-32-9	Acenaphthene	1200		55.6	89.1	120	ug/Kg
Total PAH	Total PAH	17690		908.1	89.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2600	E	79.5	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		57.8	89.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		116.1	89.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		59.1	89.1	120	ug/Kg
84-66-2	Diethylphthalate	1100		54.9	89.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.7	89.1	120	ug/Kg
86-73-7	Fluorene	1100		58.6	89.1	120	ug/Kg
100-01-6	4-Nitroaniline	1300		73.3	89.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		80.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.9	89.1	120	ug/Kg
103-33-3	Azobenzene	1100		54.5	89.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.1	89.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		58.2	89.1	120	ug/Kg
1912-24-9	Atrazine	1300		62.6	89.1	120	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:	WCS-TPKMSD	SDG No.:	BF051724
Lab Sample ID:	P2486-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137930.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	53	190	230	ug/Kg
85-01-8	Phenanthrene	1100		57.6	89.1	120	ug/Kg
120-12-7	Anthracene	1100		57.8	89.1	120	ug/Kg
86-74-8	Carbazole	1100		55	89.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.8	89.1	120	ug/Kg
206-44-0	Fluoranthene	1100		56	89.1	120	ug/Kg
92-87-5	Benzidine	2500	E	110	190	230	ug/Kg
129-00-0	Pyrene	990		56.9	89.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		66.3	89.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.3	89.1	120	ug/Kg
218-01-9	Chrysene	1100		54.5	89.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		62.4	89.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.6	89.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56.6	89.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.7	89.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		53.5	89.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.6	89.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54.9	89.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		59.5	89.1	120	ug/Kg
123-91-1	1,4-Dioxane	910		75.4	89.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.2	89.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	990		57	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.823		18-112		73	SPK: -150
13127-88-3	Phenol-d6	111.888		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	72.333		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.697		20-109		72	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:	WCS-TPKMSD	SDG No.:	BF051724
Lab Sample ID:	P2486-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137930.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.43		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	69.688		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119547	7.04				
1146-65-2	Naphthalene-d8	472338	8.328				
15067-26-2	Acenaphthene-d10	268359	10.086				
1517-22-2	Phenanthrene-d10	476853	11.58				
1719-03-5	Chrysene-d12	325911	14.233				
1520-96-3	Perylene-d12	279065	15.786				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137931.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.4	U	93.4	290	360	ug/Kg
110-86-1	Pyridine	86	U	86	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.2	U	89.2	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.1	U	90.1	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.9	U	89.9	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.6	U	92.6	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.1	U	93.1	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.4	U	89.4	290	360	ug/Kg
95-48-7	2-Methylphenol	86.8	U	86.8	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.9	U	97.9	140	180	ug/Kg
98-86-2	Acetophenone	93.6	U	93.6	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.9	U	85.9	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.4	U	43.4	86.1	86.1	ug/Kg
67-72-1	Hexachloroethane	89.4	U	89.4	140	180	ug/Kg
98-95-3	Nitrobenzene	97.8	U	97.8	140	180	ug/Kg
78-59-1	Isophorone	91.1	U	91.1	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.4	U	92.4	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.3	U	81.3	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.9	U	91.9	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	88.9	U	88.9	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.9	U	88.9	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.7	U	89.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137931.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.4	U	93.4	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.4	U	83.4	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.8	U	88.8	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.9	U	76.9	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.7	U	79.7	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.1	U	94.1	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.7	U	89.7	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88	U	88	140	180	ug/Kg
208-96-8	Acenaphthylene	93.1	U	93.1	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.6	U	89.6	140	180	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	140	180	ug/Kg
83-32-9	Acenaphthene	87.3	U	87.3	140	180	ug/Kg
Total PAH	Total PAH	1426.4	U	1426.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	90.9	U	90.9	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.8	U	92.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	82.4	U	182.4	140	360	ug/Kg
84-66-2	Diethylphthalate	86.2	U	86.2	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.2	U	92.2	140	180	ug/Kg
86-73-7	Fluorene	92	U	92	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.9	U	87.9	140	180	ug/Kg
103-33-3	Azobenzene	85.7	U	85.7	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.9	U	84.9	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.5	U	91.5	140	180	ug/Kg
1912-24-9	Atrazine	98.4	U	98.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137931.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.2	U	83.2	290	360	ug/Kg
85-01-8	Phenanthrene	90.4	U	90.4	140	180	ug/Kg
120-12-7	Anthracene	90.9	U	90.9	140	180	ug/Kg
86-74-8	Carbazole	86.5	U	86.5	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.8	U	90.8	140	180	ug/Kg
206-44-0	Fluoranthene	88	U	88	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	89.4	U	89.4	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	86.9	U	86.9	140	180	ug/Kg
218-01-9	Chrysene	85.6	U	85.6	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98	U	98	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.3	U	87.3	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.9	U	88.9	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.1	U	84.1	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.4	U	87.4	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.2	U	86.2	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.4	U	93.4	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.4	U	80.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.6	U	89.6	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.755		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.133		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	58.993		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	57.644		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137931.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.29		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	52.278		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121343	7.04				
1146-65-2	Naphthalene-d8	475009	8.322				
15067-26-2	Acenaphthene-d10	272303	10.081				
1517-22-2	Phenanthrene-d10	490789	11.575				
1719-03-5	Chrysene-d12	347378	14.221				
1520-96-3	Perylene-d12	274969	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.393	

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:	CHRT-24376	SDG No.:	BF051724
Lab Sample ID:	P2496-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF137932.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.6	U	60.6	190	230	ug/Kg
110-86-1	Pyridine	55.8	U	55.8	90.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.6	U	67.6	90.7	120	ug/Kg
108-95-2	Phenol	57.9	U	57.9	90.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.4	U	58.4	90.7	120	ug/Kg
95-57-8	2-Chlorophenol	58.3	U	58.3	90.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59	U	59	90.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60	U	60	90.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.4	U	60.4	90.7	120	ug/Kg
100-51-6	Benzyl Alcohol	57.9	U	57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	56.3	U	56.3	90.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.4	U	63.4	90.7	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	90.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.7	U	55.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	57.9	U	57.9	90.7	120	ug/Kg
98-95-3	Nitrobenzene	63.4	U	63.4	90.7	120	ug/Kg
78-59-1	Isophorone	59	U	59	90.7	120	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	90.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.9	U	59.9	90.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.7	U	52.7	90.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.6	U	59.6	90.7	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.6	U	57.6	90.7	120	ug/Kg
106-47-8	4-Chloroaniline	57.6	U	57.6	90.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.1	U	58.1	90.7	120	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:	CHRT-24376	SDG No.:	BF051724
Lab Sample ID:	P2496-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF137932.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.6	U	60.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.1	U	54.1	90.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.6	U	57.6	90.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.8	U	49.8	90.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.7	120	ug/Kg
92-52-4	1,1-Biphenyl	61	U	61	90.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.1	U	58.1	90.7	120	ug/Kg
88-74-4	2-Nitroaniline	66.3	U	66.3	90.7	120	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	90.7	120	ug/Kg
208-96-8	Acenaphthylene	60.4	U	60.4	90.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.1	U	58.1	90.7	120	ug/Kg
99-09-2	3-Nitroaniline	62.3	U	62.3	90.7	120	ug/Kg
83-32-9	Acenaphthene	56.6	U	56.6	90.7	120	ug/Kg
Total PAH	Total PAH	924.7	U	924.7	90.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81	U	81	190	230	ug/Kg
132-64-9	Dibenzofuran	58.9	U	58.9	90.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	90.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.3	U	118.3	90.7	240	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	90.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.7	U	59.7	90.7	120	ug/Kg
86-73-7	Fluorene	59.7	U	59.7	90.7	120	ug/Kg
100-01-6	4-Nitroaniline	74.7	U	74.7	90.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.7	U	81.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57	U	57	90.7	120	ug/Kg
103-33-3	Azobenzene	55.6	U	55.6	90.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.1	U	55.1	90.7	120	ug/Kg
118-74-1	Hexachlorobenzene	59.3	U	59.3	90.7	120	ug/Kg
1912-24-9	Atrazine	63.8	U	63.8	90.7	120	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:	CHRT-24376	SDG No.:	BF051724
Lab Sample ID:	P2496-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF137932.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	58.6	U	58.6	90.7	120	ug/Kg
120-12-7	Anthracene	58.9	U	58.9	90.7	120	ug/Kg
86-74-8	Carbazole	56	U	56	90.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.8	U	58.8	90.7	120	ug/Kg
206-44-0	Fluoranthene	120		57	90.7	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.9	U	57.9	90.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.6	U	67.6	90.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.8	U	68.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.3	U	56.3	90.7	120	ug/Kg
218-01-9	Chrysene	57.5	J	55.5	90.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.5	U	63.5	90.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.8	U	76.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	70.8	J	56.6	90.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.6	U	57.6	90.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.9	U	64.9	90.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.5	U	54.5	90.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.7	U	56.7	90.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.9	U	55.9	90.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.6	U	60.6	90.7	120	ug/Kg
123-91-1	1,4-Dioxane	76.8	U	76.8	90.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.1	U	52.1	90.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.1	U	58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.146		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.075		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.363		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	76.183		20-109		76	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:	CHRT-24376	SDG No.:	BF051724
Lab Sample ID:	P2496-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
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
BF137932.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.374		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	42.851		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116907	7.039				
1146-65-2	Naphthalene-d8	428053	8.322				
15067-26-2	Acenaphthene-d10	165668	10.098				
1517-22-2	Phenanthrene-d10	198861	11.616				
1719-03-5	Chrysene-d12	236862	14.262				
1520-96-3	Perylene-d12	320841	15.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.363	
000080-56-8	.alpha.-Pinene	110	J			6.328	
	unknown8.992	120	J			8.992	
066660-37-5	Trans, trans-2-ethylbicyclo[4.4.0]	81.7	J			9.198	
	unknown9.480	69.6	J			9.48	
001076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,	47.7	J			9.551	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	450	J			9.798	
000121-00-6	3-tert-Butyl-4-hydroxyanisole	250	J			9.833	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	400	J			9.957	
	unknown10.004	470	J			10.004	
014811-95-1	1,19-Eicosadiene	640	J			15.18	
015594-90-8	1-Heneicosanol	1000	J			15.427	
013475-76-8	Docosane, 11-butyl-	720	J			16.286	
	unknown16.357	2200	J			16.357	
007390-81-0	Oxirane, hexadecyl-	190	J			17.18	
000646-31-1	Tetracosane	720	J			17.515	
000083-47-6	.gamma.-Sitosterol	1300	J			18.092	

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM		
Project:				Date Received:	5/14/2024 12:00:00 AM		
Client Sample ID:	SW-02-229			SDG No.:	BF051724		
Lab Sample ID:	P2482-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.8		
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
BF137933.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.2	U	98.2	310	370	ug/Kg
110-86-1	Pyridine	90.4	U	90.4	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.8	U	93.8	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.7	U	94.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.5	U	94.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.8	U	95.8	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.3	U	97.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.9	U	97.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.9	U	93.9	310	370	ug/Kg
95-48-7	2-Methylphenol	91.2	U	91.2	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.4	U	98.4	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.3	U	90.3	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.6	U	45.6	90.6	90.6	ug/Kg
67-72-1	Hexachloroethane	93.9	U	93.9	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.8	U	95.8	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	97.1	U	97.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.5	U	85.5	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.7	U	96.7	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.5	U	93.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.5	U	93.5	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.3	U	94.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF137933.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.2	U	98.2	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.7	U	87.7	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.4	U	93.4	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.8	U	80.8	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.8	U	83.8	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.9	U	98.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.3	U	94.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.5	U	92.5	150	190	ug/Kg
208-96-8	Acenaphthylene	97.9	U	97.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.2	U	94.2	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	99.7	J	91.8	150	190	ug/Kg
Total PAH	Total PAH	4689.7		1504.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.5	U	95.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	191.8	U	191.8	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.6	U	97.6	150	190	ug/Kg
84-66-2	Diethylphthalate	90.7	U	90.7	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.9	U	96.9	150	190	ug/Kg
86-73-7	Fluorene	96.8	U	96.8	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	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.4	U	92.4	150	190	ug/Kg
103-33-3	Azobenzene	90.1	U	90.1	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.3	U	89.3	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.2	U	96.2	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF137933.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.5	U	87.5	310	370	ug/Kg
85-01-8	Phenanthrene	560		95.1	150	190	ug/Kg
120-12-7	Anthracene	140	J	95.5	150	190	ug/Kg
86-74-8	Carbazole	90.9	U	90.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.4	U	95.4	150	190	ug/Kg
206-44-0	Fluoranthene	810		92.5	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	690		93.9	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	370	ug/Kg
56-55-3	Benzo(a)anthracene	440		91.3	150	190	ug/Kg
218-01-9	Chrysene	440		90	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	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		91.8	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		93.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	420		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		88.4	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.9	U	91.9	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		90.7	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.2	U	98.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.6	U	84.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.2	U	94.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.804		18-112		51	SPK: -150
13127-88-3	Phenol-d6	78.593		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	52.331		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.44		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-02-229	SDG No.:	BF051724
Lab Sample ID:	P2482-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF137933.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.143		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	51.066		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126959	7.039				
1146-65-2	Naphthalene-d8	487826	8.322				
15067-26-2	Acenaphthene-d10	280827	10.08				
1517-22-2	Phenanthrene-d10	478803	11.58				
1719-03-5	Chrysene-d12	263173	14.227				
1520-96-3	Perylene-d12	319225	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.387	
084924-96-9	.gamma.-Sitostenone	120	J			11.927	
000832-69-9	Phenanthrene, 1-methyl-	130	J			12.08	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	93.2	J			12.104	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.192	
000243-17-4	11H-Benzo[b]fluorene	81.9	J			13.351	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			14.063	
000192-97-2	Benzo[e]pyrene	270	J			15.651	
000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	660	J			17.045	

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:	TP-14			SDG No.:	BF051724		
Lab Sample ID:	P2513-04			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.9		
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
BF137934.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.5	U	56.5	180	210	ug/Kg
110-86-1	Pyridine	52	U	52	84.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63.1	U	63.1	84.6	110	ug/Kg
108-95-2	Phenol	53.9	U	53.9	84.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.5	U	54.5	84.6	110	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	84.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56	U	56	84.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	84.6	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	84.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	59.1	84.6	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.6	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	52.1	52.1	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.6	110	ug/Kg
98-95-3	Nitrobenzene	59.1	U	59.1	84.6	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.6	110	ug/Kg
88-75-5	2-Nitrophenol	61.5	U	61.5	84.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.6	U	60.6	84.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.8	U	55.8	84.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.1	U	49.1	84.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.6	U	55.6	84.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.6	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.6	110	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:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137934.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.5	U	56.5	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.4	U	50.4	84.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.7	U	53.7	84.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.5	U	46.5	84.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.2	U	48.2	84.6	110	ug/Kg
92-52-4	1,1-Biphenyl	56.9	U	56.9	84.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.6	110	ug/Kg
88-74-4	2-Nitroaniline	61.8	U	61.8	84.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.2	U	53.2	84.6	110	ug/Kg
208-96-8	Acenaphthylene	56.3	U	56.3	84.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.1	U	54.1	84.6	110	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	84.6	110	ug/Kg
83-32-9	Acenaphthene	52.8	U	52.8	84.6	110	ug/Kg
Total PAH	Total PAH	862.1	U	862.1	84.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.5	U	75.5	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.2	U	110.2	84.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	84.6	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.6	110	ug/Kg
86-73-7	Fluorene	55.6	U	55.6	84.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.6	U	69.6	84.6	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	84.6	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.3	U	51.3	84.6	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.6	110	ug/Kg
1912-24-9	Atrazine	59.5	U	59.5	84.6	110	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:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137934.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

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	54.7	U	54.7	84.6	110	ug/Kg
120-12-7	Anthracene	54.9	U	54.9	84.6	110	ug/Kg
86-74-8	Carbazole	52.3	U	52.3	84.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.9	U	54.9	84.6	110	ug/Kg
206-44-0	Fluoranthene	53.2	U	53.2	84.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	54	U	54	84.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	84.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.2	U	64.2	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.5	U	52.5	84.6	110	ug/Kg
218-01-9	Chrysene	51.7	U	51.7	84.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	84.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.6	U	71.6	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.8	U	52.8	84.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.7	U	53.7	84.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.5	U	60.5	84.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.8	U	50.8	84.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.8	U	52.8	84.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.1	U	52.1	84.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.5	U	56.5	84.6	110	ug/Kg
123-91-1	1,4-Dioxane	71.6	U	71.6	84.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.1	U	54.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.544		18-112		46	SPK: -150
13127-88-3	Phenol-d6	68.331		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	43.817		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	43.779		20-109		44	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:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137934.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.363		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	42.242		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122913	7.04				
1146-65-2	Naphthalene-d8	480729	8.322				
15067-26-2	Acenaphthene-d10	266910	10.081				
1517-22-2	Phenanthrene-d10	457224	11.575				
1719-03-5	Chrysene-d12	251362	14.221				
1520-96-3	Perylene-d12	275960	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	960	J			2.387	
000295-65-8	Cyclohexadecane	49	J			14.051	

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:	TP-13			SDG No.:	BF051724		
Lab Sample ID:	P2513-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.6		
Sample Wt/Vol:	50.07	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
BF137935.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.9	U	56.9	180	220	ug/Kg
110-86-1	Pyridine	52.4	U	52.4	85.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.5	U	63.5	85.2	110	ug/Kg
108-95-2	Phenol	54.3	U	54.3	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	54.7	U	54.7	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	54.4	U	54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	52.8	U	52.8	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	59.6	85.2	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.3	U	52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	54.4	U	54.4	85.2	110	ug/Kg
98-95-3	Nitrobenzene	59.5	U	59.5	85.2	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.1	U	61.1	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.2	U	56.2	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.5	U	49.5	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56	U	56	85.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.1	U	54.1	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.1	U	54.1	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	54.6	85.2	110	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:	TP-13	SDG No.:	BF051724
Lab Sample ID:	P2513-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF137935.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.9	U	56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.8	U	50.8	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.1	U	54.1	85.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.8	U	46.8	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.5	U	48.5	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	54.6	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	62.3	U	62.3	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.2	110	ug/Kg
208-96-8	Acenaphthylene	56.7	U	56.7	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.5	U	54.5	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	58.5	U	58.5	85.2	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.2	110	ug/Kg
Total PAH	Total PAH	868.6	U	868.6	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	180	220	ug/Kg
132-64-9	Dibenzofuran	55.3	U	55.3	85.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.5	U	56.5	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111	U	111	85.2	220	ug/Kg
84-66-2	Diethylphthalate	52.5	U	52.5	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.1	U	56.1	85.2	110	ug/Kg
86-73-7	Fluorene	56	U	56	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	70.1	U	70.1	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.7	U	76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.5	U	53.5	85.2	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.7	U	51.7	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	55.7	U	55.7	85.2	110	ug/Kg
1912-24-9	Atrazine	59.9	U	59.9	85.2	110	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:	TP-13	SDG No.:	BF051724
Lab Sample ID:	P2513-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF137935.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	100	J	55.1	85.2	110	ug/Kg
120-12-7	Anthracene	55.3	U	55.3	85.2	110	ug/Kg
86-74-8	Carbazole	52.6	U	52.6	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.2	110	ug/Kg
206-44-0	Fluoranthene	160		53.6	85.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	160		54.4	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.5	U	63.5	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.6	U	64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	89	J	52.9	85.2	110	ug/Kg
218-01-9	Chrysene	89.3	J	52.1	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.7	U	59.7	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.1	U	72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	82	J	53.2	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.1	U	54.1	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	80.5	J	61	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.2	U	51.2	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.2	U	53.2	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.5	U	52.5	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	72.1	U	72.1	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.5	U	54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.176		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.904		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	57.939		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	56.952		20-109		57	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:	TP-13			SDG No.:	BF051724		
Lab Sample ID:	P2513-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.6		
Sample Wt/Vol:	50.07	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
BF137935.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.87		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	52.798		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127349	7.04				
1146-65-2	Naphthalene-d8	491444	8.322				
15067-26-2	Acenaphthene-d10	276807	10.081				
1517-22-2	Phenanthrene-d10	464883	11.575				
1719-03-5	Chrysene-d12	265340	14.227				
1520-96-3	Perylene-d12	321342	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.387	
000057-10-3	n-Hexadecanoic acid	75.6	J			12.08	
000203-64-5	4H-Cyclopenta[def]phenanthrene	50	J			12.192	
1000406-04-8	Pentadecafluorooctanoic acid, octa	89.6	J			14.051	
000192-97-2	Benzo[e]pyrene	53.3	J			15.645	
000191-26-4	Dibenzo[def,mno]chrysene	57	J			17.398	

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:	280856	SDG No.:	BF051724
Lab Sample ID:	P2497-02	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
BF137936.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BF051724
Lab Sample ID:	P2497-02	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
BF137936.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BF051724
Lab Sample ID:	P2497-02	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
BF137936.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	115.83		10-139		77	SPK: -150
13127-88-3	Phenol-d6	106.822		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	86.025		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	83.726		52-132		84	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:	280856	SDG No.:	BF051724
Lab Sample ID:	P2497-02	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
BF137936.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.253		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	89.359		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123953	7.039				
1146-65-2	Naphthalene-d8	471134	8.322				
15067-26-2	Acenaphthene-d10	265845	10.08				
1517-22-2	Phenanthrene-d10	468897	11.574				
1719-03-5	Chrysene-d12	266941	14.221				
1520-96-3	Perylene-d12	288274	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:	RT3823			SDG No.:	BF051724		
Lab Sample ID:	P2497-04			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BF137937.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3823	SDG No.:	BF051724
Lab Sample ID:	P2497-04	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
BF137937.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3823	SDG No.:	BF051724
Lab Sample ID:	P2497-04	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
BF137937.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	115.178		10-139		77	SPK: -150
13127-88-3	Phenol-d6	104.275		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	83.799		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	81.479		52-132		81	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:	RT3823	SDG No.:	BF051724
Lab Sample ID:	P2497-04	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
BF137937.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.679		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	86.072		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130831	7.04				
1146-65-2	Naphthalene-d8	501324	8.322				
15067-26-2	Acenaphthene-d10	282722	10.081				
1517-22-2	Phenanthrene-d10	495728	11.575				
1719-03-5	Chrysene-d12	280211	14.221				
1520-96-3	Perylene-d12	311173	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:	RT3997	SDG No.:	BF051724
Lab Sample ID:	P2497-06	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
BF137938.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3997	SDG No.:	BF051724
Lab Sample ID:	P2497-06	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
BF137938.D	1	5/17/2024 12:00:00 AM	5/17/2024 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
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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3997	SDG No.:	BF051724
Lab Sample ID:	P2497-06	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
BF137938.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	121.409		10-139		81	SPK: -150
13127-88-3	Phenol-d6	106.924		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	85.478		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	92.27		52-132		92	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:	RT3997	SDG No.:	BF051724
Lab Sample ID:	P2497-06	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
BF137938.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.423		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	92.461		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125120	7.04				
1146-65-2	Naphthalene-d8	485353	8.322				
15067-26-2	Acenaphthene-d10	253614	10.081				
1517-22-2	Phenanthrene-d10	496166	11.575				
1719-03-5	Chrysene-d12	286148	14.221				
1520-96-3	Perylene-d12	189979	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:	280646	SDG No.:	BF051724
Lab Sample ID:	P2497-08	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
BF137939.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BF051724
Lab Sample ID:	P2497-08	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
BF137939.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BF051724
Lab Sample ID:	P2497-08	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
BF137939.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	112.236		10-139		75	SPK: -150
13127-88-3	Phenol-d6	96.413		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	84.072		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	87.723		52-132		88	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:	280646	SDG No.:	BF051724
Lab Sample ID:	P2497-08	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
BF137939.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.577		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	89.78		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138678	7.039				
1146-65-2	Naphthalene-d8	530287	8.322				
15067-26-2	Acenaphthene-d10	283800	10.08				
1517-22-2	Phenanthrene-d10	535916	11.574				
1719-03-5	Chrysene-d12	298241	14.221				
1520-96-3	Perylene-d12	219127	15.786				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJ	SDG No.:	BF051724
Lab Sample ID:	P2480-04	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
BF137940.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJ	SDG No.:	BF051724
Lab Sample ID:	P2480-04	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
BF137940.D	1	5/17/2024 12:00:00 AM	5/17/2024 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
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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJ	SDG No.:	BF051724
Lab Sample ID:	P2480-04	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
BF137940.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	116.177		10-139		77	SPK: -150
13127-88-3	Phenol-d6	105.883		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	84.47		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.278		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJ	SDG No.:	BF051724
Lab Sample ID:	P2480-04	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
BF137940.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.84		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	87.987		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122660	7.04				
1146-65-2	Naphthalene-d8	475073	8.322				
15067-26-2	Acenaphthene-d10	271015	10.081				
1517-22-2	Phenanthrene-d10	486956	11.575				
1719-03-5	Chrysene-d12	285272	14.221				
1520-96-3	Perylene-d12	311082	15.786				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMS	SDG No.:	BF051724
Lab Sample ID:	P2480-04MS	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
BF137941.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		10.3	80	100	ug/L
110-86-1	Pyridine	350		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	210		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	470		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	450		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	460		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	490		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	470		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	440		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	48.5	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMS	SDG No.:	BF051724
Lab Sample ID:	P2480-04MS	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
BF137941.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	260		13.7	40	50	ug/L
83-32-9	Acenaphthene	510		8.1	40	50	ug/L
Total PAH	Total PAH	7610		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	950	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	530		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	470		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	450		11.4	40	50	ug/L
1912-24-9	Atrazine	580		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMS	SDG No.:	BF051724
Lab Sample ID:	P2480-04MS	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
BF137941.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	950	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	490		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	270		40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	610		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	280		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	630		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	660		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	460		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	500		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	500		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	490		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	430		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.015		10-139		78	SPK: -150
13127-88-3	Phenol-d6	109.066		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	84.35		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.764		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMS	SDG No.:	BF051724
Lab Sample ID:	P2480-04MS	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
BF137941.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.648		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	90.54		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123282	7.04				
1146-65-2	Naphthalene-d8	486481	8.328				
15067-26-2	Acenaphthene-d10	276630	10.086				
1517-22-2	Phenanthrene-d10	486034	11.58				
1719-03-5	Chrysene-d12	270676	14.227				
1520-96-3	Perylene-d12	308779	15.786				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMSD	SDG No.:	BF051724
Lab Sample ID:	P2480-04MSD	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
BF137942.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	390		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	480		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	450		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	420		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	460		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	420		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	460		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	480		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	440		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	450		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	430		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	59.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	400		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMSD	SDG No.:	BF051724
Lab Sample ID:	P2480-04MSD	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
BF137942.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	460		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	460		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	470		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	200		13.7	40	50	ug/L
83-32-9	Acenaphthene	490		8.1	40	50	ug/L
Total PAH	Total PAH	7280		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	910	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	980	E	20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	950		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	450		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	490		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	490		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	440		11.4	40	50	ug/L
1912-24-9	Atrazine	570		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMSD	SDG No.:	BF051724
Lab Sample ID:	P2480-04MSD	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
BF137942.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	900	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	450		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	430		12.9	40	50	ug/L
92-87-5	Benzidine	350		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	540		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	250		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		9.4	40	50	ug/L
218-01-9	Chrysene	460		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	620		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	470		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	470		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	410		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	480		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.487		10-139		78	SPK: -150
13127-88-3	Phenol-d6	109.953		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	84.435		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.855		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	WC-MH-JJMSD	SDG No.:	BF051724
Lab Sample ID:	P2480-04MSD	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
BF137942.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.616		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	81.611		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126649	7.045				
1146-65-2	Naphthalene-d8	492663	8.328				
15067-26-2	Acenaphthene-d10	276337	10.086				
1517-22-2	Phenanthrene-d10	476545	11.58				
1719-03-5	Chrysene-d12	277559	14.227				
1520-96-3	Perylene-d12	331372	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:	TP-13			SDG No.:	BF051724		
Lab Sample ID:	P2513-03			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BF137943.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-13	SDG No.:	BF051724
Lab Sample ID:	P2513-03	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
BF137943.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-13	SDG No.:	BF051724
Lab Sample ID:	P2513-03	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
BF137943.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	117.237		10-139		78	SPK: -150
13127-88-3	Phenol-d6	107.552		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	86.164		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.835		52-132		83	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:	TP-13	SDG No.:	BF051724
Lab Sample ID:	P2513-03	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
BF137943.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.678		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	84.02		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118663	7.04				
1146-65-2	Naphthalene-d8	456314	8.322				
15067-26-2	Acenaphthene-d10	265760	10.08				
1517-22-2	Phenanthrene-d10	479219	11.575				
1719-03-5	Chrysene-d12	287506	14.221				
1520-96-3	Perylene-d12	317794	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:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-06	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
BF137944.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-06	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
BF137944.D	1	5/17/2024 12:00:00 AM	5/17/2024 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
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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-06	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
BF137944.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	117.758		10-139		79	SPK: -150
13127-88-3	Phenol-d6	104.707		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	83.966		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.952		52-132		86	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:	TP-14	SDG No.:	BF051724
Lab Sample ID:	P2513-06	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
BF137944.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.484		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	83.652		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119542	7.04				
1146-65-2	Naphthalene-d8	459297	8.322				
15067-26-2	Acenaphthene-d10	253211	10.08				
1517-22-2	Phenanthrene-d10	465870	11.575				
1719-03-5	Chrysene-d12	289132	14.221				
1520-96-3	Perylene-d12	241533	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:	TP-15			SDG No.:	BF051724		
Lab Sample ID:	P2513-09			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BF137945.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF051724
Lab Sample ID:	P2513-09	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
BF137945.D	1	5/17/2024 12:00:00 AM	5/17/2024 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
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF051724
Lab Sample ID:	P2513-09	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
BF137945.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	114.259		10-139		76	SPK: -150
13127-88-3	Phenol-d6	102.913		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	84.184		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.418		52-132		83	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:	TP-15	SDG No.:	BF051724
Lab Sample ID:	P2513-09	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
BF137945.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.214		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	90.565		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124985	7.039				
1146-65-2	Naphthalene-d8	482462	8.322				
15067-26-2	Acenaphthene-d10	276447	10.08				
1517-22-2	Phenanthrene-d10	493700	11.574				
1719-03-5	Chrysene-d12	289794	14.221				
1520-96-3	Perylene-d12	308708	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:	TP-16	SDG No.:	BF051724
Lab Sample ID:	P2513-12	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
BF137946.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF051724
Lab Sample ID:	P2513-12	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
BF137946.D	1	5/17/2024 12:00:00 AM	5/17/2024 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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF051724
Lab Sample ID:	P2513-12	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
BF137946.D	1	5/17/2024 12:00:00 AM	5/17/2024 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	3300	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	123.275		10-139		82	SPK: -150
13127-88-3	Phenol-d6	113.801		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	86.779		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	84.649		52-132		85	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:	TP-16	SDG No.:	BF051724
Lab Sample ID:	P2513-12	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
BF137946.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.468		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	90.191		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130852	7.039				
1146-65-2	Naphthalene-d8	504473	8.322				
15067-26-2	Acenaphthene-d10	291590	10.08				
1517-22-2	Phenanthrene-d10	520360	11.574				
1719-03-5	Chrysene-d12	303720	14.221				
1520-96-3	Perylene-d12	332315	15.786				

Hit Summary Sheet SW-846

SDG No.: BF051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SW-02-229								
P2482-03	SW-02-229	Solid	.gamma.-Sitostenone	*	120.000	J		
P2482-03	SW-02-229	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
P2482-03	SW-02-229	Solid	11H-Benzo[b]fluorene	*	81.900	J		
P2482-03	SW-02-229	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	93.200	J		
P2482-03	SW-02-229	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P2482-03	SW-02-229	Solid	7-Isopropenyl-1,4a-dimethyl-4,4a.	*	660.000	J		
P2482-03	SW-02-229	Solid	Benzo[e]pyrene	*	270.000	J		
P2482-03	SW-02-229	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P2482-03	SW-02-229	Solid	Phenanthrene, 1-methyl-	*	130.000	J		
Total Tics :					3,455.10			
P2482-03	SW-02-229	Solid	Acenaphthene		99.700	J	91.8	190 ug/Kg
P2482-03	SW-02-229	Solid	Anthracene		140.000	J	95.5	190 ug/Kg
P2482-03	SW-02-229	Solid	Benzo(a)anthracene		440.000		91.3	190 ug/Kg
P2482-03	SW-02-229	Solid	Benzo(a)pyrene		420.000		110	190 ug/Kg
P2482-03	SW-02-229	Solid	Benzo(b)fluoranthene		470.000		91.8	190 ug/Kg
P2482-03	SW-02-229	Solid	Benzo(g,h,i)perylene		220.000		90.7	190 ug/Kg
P2482-03	SW-02-229	Solid	Benzo(k)fluoranthene		190.000		93.5	190 ug/Kg
P2482-03	SW-02-229	Solid	Chrysene		440.000		90	190 ug/Kg
P2482-03	SW-02-229	Solid	Fluoranthene		810.000		92.5	190 ug/Kg
P2482-03	SW-02-229	Solid	Indeno(1,2,3-cd)pyrene		210.000		88.4	190 ug/Kg
P2482-03	SW-02-229	Solid	Phenanthrene		560.000		95.1	190 ug/Kg
P2482-03	SW-02-229	Solid	Pyrene		690.000		93.9	190 ug/Kg
P2482-03	SW-02-229	Solid	Total PAH		4,689.000		1504.6	3040 ug/Kg
Total Svoc :					9,378.70			
Total Concentration:					12,833.80			
Client ID : B-02-229								
P2482-05	B-02-229	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
Total Tics :					2,200.00			
Total Concentration:					2,200.00			
Client ID : SW-04-229								
P2482-06	SW-04-229	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
Total Tics :					2,000.00			
Total Concentration:					2,000.00			
Client ID : WCS-TPK								
P2486-01	WCS-TPK	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2486-01	WCS-TPK	Solid	R-(-)-1,2-propanediol	*	75.500	J		

Hit Summary Sheet SW-846

SDG No.: BF051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,575.50				
Total Concentration:				1,575.50				
Client ID : CHRT-24376								
P2496-01	CHRT-24376	Solid	.alpha.-Pinene	*	110.000	J		
P2496-01	CHRT-24376	Solid	.gamma.-Sitosterol	*	1,300.000	J		
P2496-01	CHRT-24376	Solid	1,19-Eicosadiene	*	640.000	J		
P2496-01	CHRT-24376	Solid	1-Heneicosanol	*	1,000.000	J		
P2496-01	CHRT-24376	Solid	2-Pentanone, 4-cyclohexylidene-3	*	450.000	J		
P2496-01	CHRT-24376	Solid	3-tert-Butyl-4-hydroxyanisole	*	250.000	J		
P2496-01	CHRT-24376	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2496-01	CHRT-24376	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	400.000	J		
P2496-01	CHRT-24376	Solid	Docosane, 11-butyl-	*	720.000	J		
P2496-01	CHRT-24376	Solid	Naphthalene, 1,2,3,4-tetrahydro-6	*	47.700	J		
P2496-01	CHRT-24376	Solid	Oxirane, hexadecyl-	*	190.000	J		
P2496-01	CHRT-24376	Solid	Tetracosane	*	720.000	J		
P2496-01	CHRT-24376	Solid	Trans, trans-2-ethylbicyclo[4.4.0]	*	81.700	J		
P2496-01	CHRT-24376	Solid	unknown10.004	*	470.000	J		
P2496-01	CHRT-24376	Solid	unknown16.357	*	2,200.000	J		
P2496-01	CHRT-24376	Solid	unknown8.992	*	120.000	J		
P2496-01	CHRT-24376	Solid	unknown9.480	*	69.600	J		
Total Tics :				10,269.00				
P2496-01	CHRT-24376	Solid	Benzo(b)fluoranthene		70.800	J 56.6	120	ug/Kg
P2496-01	CHRT-24376	Solid	Chrysene		57.500	J 55.5	120	ug/Kg
P2496-01	CHRT-24376	Solid	Fluoranthene		120.000	57	120	ug/Kg
Total Svoc :				248.30				
Total Concentration:				10,517.30				
Client ID : TP-13								
P2513-01	TP-13	Solid	4H-Cyclopenta[def]phenanthrene	*	50.000	J		
P2513-01	TP-13	Solid	Benzo[e]pyrene	*	53.300	J		
P2513-01	TP-13	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2513-01	TP-13	Solid	Dibenzo[def,mno]chrysene	*	57.000	J		
P2513-01	TP-13	Solid	n-Hexadecanoic acid	*	75.600	J		
P2513-01	TP-13	Solid	Pentadecafluorooctanoic acid, oct	*	89.600	J		
Total Tics :				1,425.50				
P2513-01	TP-13	Solid	Benzo(a)anthracene		89.000	J 52.9	110	ug/Kg
P2513-01	TP-13	Solid	Benzo(a)pyrene		80.500	J 61	110	ug/Kg
P2513-01	TP-13	Solid	Benzo(b)fluoranthene		82.000	J 53.2	110	ug/Kg
P2513-01	TP-13	Solid	Chrysene		89.300	J 52.1	110	ug/Kg
P2513-01	TP-13	Solid	Fluoranthene		160.000	53.6	110	ug/Kg
P2513-01	TP-13	Solid	Phenanthrene		100.000	J 55.1	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2513-01	TP-13	Solid	Pyrene	160.000		54.4	110	ug/Kg
Total Svoc :						760.80		
Total Concentration:						2,186.30		
Client ID : TP-14								
P2513-04	TP-14	Solid	Butane, 2-methoxy-2-methyl-	*	960.000	J		
P2513-04	TP-14	Solid	Cyclohexadecane	*	49.000	J		
Total Tics :						1,009.00		
Total Concentration:						1,009.00		
Client ID : TP-16								
P2513-12	TP-16	water	Benzidine	3,300.000	E	40.7	100	ug/L
Total Svoc :						3,300.00		
Total Concentration:						3,300.00		



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.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 11:50

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	PB160948BL	133912	7.04	515410	8.32	287035	10.09
02	PB160921BS	148071	7.04	587024	8.33	334060	10.09
03	SW-04-229	118774	7.04	453461	8.32	259913	10.08
04	WCS-TPK	118273	7.04	458804	8.32	264821	10.09
05	WCS-TPKMS	121012	7.04	477862	8.33	274002	10.09
06	WCS-TPKMSD	119547	7.04	472338	8.33	268359	10.09
07	B-02-229	121343	7.04	475009	8.32	272303	10.08
08	CHRT-24376	116907	7.04	428053	8.32	165668	10.10
09	SW-02-229	126959	7.04	487826	8.32	280827	10.08
10	TP-14	122913	7.04	480729	8.32	266910	10.08
11	TP-13	127349	7.04	491444	8.32	276807	10.08
12	280856	123953	7.04	471134	8.32	265845	10.08
13	RT3823	130831	7.04	501324	8.32	282722	10.08
14	RT3997	125120	7.04	485353	8.32	253614	10.08
15	280646	138678	7.04	530287	8.32	283800	10.08
16	WC-MH-JJ	122660	7.04	475073	8.32	271015	10.08
17	WC-MH-JJMS	123282	7.04	486481	8.33	276630	10.09
18	WC-MH-JJMSD	126649	7.05	492663	8.33	276337	10.09
19	TP-13	118663	7.04	456314	8.32	265760	10.08
20	TP-14	119542	7.04	459297	8.32	253211	10.08
21	TP-15	124985	7.04	482462	8.32	276447	10.08
22	TP-16	130852	7.04	504473	8.32	291590	10.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 22:12

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.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDCCC040

Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137924.D

Time Analyzed: 11:50

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	145479	7.045	566901	8.33	319511	10.09
	UPPER LIMIT	290958	7.545	1133802	8.828	639022	10.586
	LOWER LIMIT	72739.5	6.545	283450.5	7.828	159755.5	9.586
	EPA SAMPLE NO.						
01	PB160948BL	133912	7.04	515410	8.32	287035	10.09
02	PB160921BS	148071	7.04	587024	8.33	334060	10.09
03	SW-04-229	118774	7.04	453461	8.32	259913	10.08
04	WCS-TPK	118273	7.04	458804	8.32	264821	10.09
05	WCS-TPKMS	121012	7.04	477862	8.33	274002	10.09
06	WCS-TPKMSD	119547	7.04	472338	8.33	268359	10.09
07	B-02-229	121343	7.04	475009	8.32	272303	10.08
08	CHRT-24376	116907	7.04	428053	8.32	165668	10.10
09	SW-02-229	126959	7.04	487826	8.32	280827	10.08
10	TP-14	122913	7.04	480729	8.32	266910	10.08
11	TP-13	127349	7.04	491444	8.32	276807	10.08
12	280856	123953	7.04	471134	8.32	265845	10.08
13	RT3823	130831	7.04	501324	8.32	282722	10.08
14	RT3997	125120	7.04	485353	8.32	253614	10.08
15	280646	138678	7.04	530287	8.32	283800	10.08
16	WC-MH-JJ	122660	7.04	475073	8.32	271015	10.08
17	WC-MH-JJMS	123282	7.04	486481	8.33	276630	10.09
18	WC-MH-JJMSD	126649	7.05	492663	8.33	276337	10.09
19	TP-13	118663	7.04	456314	8.32	265760	10.08
20	TP-14	119542	7.04	459297	8.32	253211	10.08
21	TP-15	124985	7.04	482462	8.32	276447	10.08
22	TP-16	130852	7.04	504473	8.32	291590	10.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137924.D Time Analyzed: 22:12

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	145479	7.045	566901	8.33	319511	10.09
UPPER LIMIT	290958	7.545	1133802	8.828	639022	10.586
LOWER LIMIT	72739.5	6.545	283450.5	7.828	159755.5	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 11:50

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	PB160948BL	509039	11.57	313175	14.23	254904	15.79
02	PB160921BS	573148	11.58	344869	14.23	277552	15.79
03	SW-04-229	481550	11.57	381505	14.23	309506	15.79
04	WCS-TPK	475629	11.57	379303	14.23	316893	15.79
05	WCS-TPKMS	488490	11.58	347438	14.23	291588	15.79
06	WCS-TPKMSD	476853	11.58	325911	14.23	279065	15.79
07	B-02-229	490789	11.58	347378	14.22	274969	15.79
08	CHRT-24376	198861 *	11.62	236862	14.26	320841	15.82
09	SW-02-229	478803	11.58	263173	14.23	319225	15.79
10	TP-14	457224	11.58	251362	14.22	275960	15.79
11	TP-13	464883	11.58	265340	14.23	321342	15.79
12	280856	468897	11.57	266941	14.22	288274	15.79
13	RT3823	495728	11.58	280211	14.22	311173	15.79
14	RT3997	496166	11.58	286148	14.22	189979	15.79
15	280646	535916	11.57	298241	14.22	219127	15.79
16	WC-MH-JJ	486956	11.58	285272	14.22	311082	15.79
17	WC-MH-JJMS	486034	11.58	270676	14.23	308779	15.79
18	WC-MH-JJMSD	476545	11.58	277559	14.23	331372	15.79
19	TP-13	479219	11.58	287506	14.22	317794	15.79
20	TP-14	465870	11.58	289132	14.22	241533	15.79
21	TP-15	493700	11.57	289794	14.22	308708	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 22:12

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 TP-16	520360	11.57	303720	14.22	332315	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.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137924.D Time Analyzed: 11:50

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	562507	11.58	370834	14.233	294946	15.792
	UPPER LIMIT	1125014	12.08	741668	14.733	589892	16.292
	LOWER LIMIT	281253.5	11.08	185417	13.733	147473	15.292
	EPA SAMPLE NO.						
01	PB160948BL	509039	11.57	313175	14.23	254904	15.79
02	PB160921BS	573148	11.58	344869	14.23	277552	15.79
03	SW-04-229	481550	11.57	381505	14.23	309506	15.79
04	WCS-TPK	475629	11.57	379303	14.23	316893	15.79
05	WCS-TPKMS	488490	11.58	347438	14.23	291588	15.79
06	WCS-TPKMSD	476853	11.58	325911	14.23	279065	15.79
07	B-02-229	490789	11.58	347378	14.22	274969	15.79
08	CHRT-24376	198861 *	11.62	236862	14.26	320841	15.82
09	SW-02-229	478803	11.58	263173	14.23	319225	15.79
10	TP-14	457224	11.58	251362	14.22	275960	15.79
11	TP-13	464883	11.58	265340	14.23	321342	15.79
12	280856	468897	11.57	266941	14.22	288274	15.79
13	RT3823	495728	11.58	280211	14.22	311173	15.79
14	RT3997	496166	11.58	286148	14.22	189979	15.79
15	280646	535916	11.57	298241	14.22	219127	15.79
16	WC-MH-JJ	486956	11.58	285272	14.22	311082	15.79
17	WC-MH-JJMS	486034	11.58	270676	14.23	308779	15.79
18	WC-MH-JJMSD	476545	11.58	277559	14.23	331372	15.79
19	TP-13	479219	11.58	287506	14.22	317794	15.79
20	TP-14	465870	11.58	289132	14.22	241533	15.79
21	TP-15	493700	11.57	289794	14.22	308708	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF051724 SAS No.: BF051724 SDG NO.: BF051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BF137924.D Time Analyzed: 22:12

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	562507	11.58	370834	14.233	294946	15.792
UPPER LIMIT	1125014	12.08	741668	14.733	589892	16.292
LOWER LIMIT	281253.5	11.08	185417	13.733	147473	15.292
EPA SAMPLE NO.						
22 TP-16	520360	11.57	303720	14.22	332315	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.: **BF051724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160921BS	n-Nitrosodimethylamine	50	44.6	ug/L	89				55	108	
	Pyridine	50	37.5	ug/L	75				29	97	
	Benzaldehyde	50	23.6	ug/L	47				15	121	
	Aniline	50	33	ug/L	66				10	130	
	Phenol	50	43.5	ug/L	87				66	118	
	bis(2-Chloroethyl)ether	50	44.5	ug/L	89				62	103	
	2-Chlorophenol	50	44.9	ug/L	90				70	117	
	1,2-Dichlorobenzene	50	42.5	ug/L	85				72	102	
	1,3-Dichlorobenzene	50	41.3	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	41.6	ug/L	83				76	103	
	Benzyl Alcohol	50	46.9	ug/L	94		*		36	93	
	2-Methylphenol	50	43.6	ug/L	87				69	109	
	2,2-oxybis(1-Chloropropane)	50	45.3	ug/L	91				52	103	
	Acetophenone	50	43.1	ug/L	86				60	104	
	3+4-Methylphenols	50	42.9	ug/L	86				67	106	
	N-Nitroso-di-n-propylamine	50	44.2	ug/L	88				57	107	
	Hexachloroethane	50	43	ug/L	86				76	118	
	Nitrobenzene	50	41	ug/L	82				58	106	
	Isophorone	50	43.7	ug/L	87				61	102	
	2-Nitrophenol	50	44.3	ug/L	89				70	115	
	2,4-Dimethylphenol	50	46.7	ug/L	93				67	130	
	bis(2-Chloroethoxy)methane	50	43.1	ug/L	86				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	1,2,4-Trichlorobenzene	50	41.4	ug/L	83				41	115	
	Benzoic acid	50	44.2	ug/L	88				10	125	
	Naphthalene	50	41.6	ug/L	83				64	107	
	4-Chloroaniline	50	19	ug/L	38				10	85	
	Hexachlorobutadiene	50	40.7	ug/L	81				69	101	
	Caprolactam	50	46.7	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	43.5	ug/L	87				65	114	
	2-Methylnaphthalene	50	42.6	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	43.4	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	43.2	ug/L	86				70	106	
	1,1-Biphenyl	50	42.2	ug/L	84				72	98	
	2-Chloronaphthalene	50	41	ug/L	82				59	106	
	2-Nitroaniline	50	44	ug/L	88				58	107	
	Dimethylphthalate	50	43.9	ug/L	88				64	103	
	Acenaphthylene	50	45.1	ug/L	90				65	108	
	2,6-Dinitrotoluene	50	42.5	ug/L	85				64	110	
	3-Nitroaniline	50	30.1	ug/L	60				28	100	
	Acenaphthene	50	46.2	ug/L	92				59	113	
	Total PAH	800	718	ug/L	90				59	113	
	2,4-Dinitrophenol	100	83.8	ug/L	84				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF051724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160921BS	4-Nitrophenol	100	96.7	ug/L	97				68	116	
	Dibenzofuran	50	42.7	ug/L	85				65	106	
	2,4-Dinitrotoluene	50	44.8	ug/L	90				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	87.3	ug/L	87				60	115	
	Diethylphthalate	50	43.8	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	42.2	ug/L	84				61	104	
	Fluorene	50	42	ug/L	84				64	107	
	4-Nitroaniline	50	44.2	ug/L	88				69	112	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	43	ug/L	86				61	109	
	Azobenzene	50	44.6	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	42.9	ug/L	86				73	103	
	Hexachlorobenzene	50	42.1	ug/L	84				73	106	
	Atrazine	50	52.7	ug/L	105				76	120	
	Pentachlorophenol	100	89	ug/L	89				47	114	
	Phenanthrene	50	43.1	ug/L	86				62	109	
	Anthracene	50	44.3	ug/L	89				65	110	
	Carbazole	50	43.8	ug/L	88				62	106	
	Di-n-butylphthalate	50	45.8	ug/L	92				64	106	
	Fluoranthene	50	43.5	ug/L	87				64	110	
	Benzidine	100	41.8	ug/L	42				10	94	
	Pyrene	50	41.9	ug/L	84				71	103	
	Butylbenzylphthalate	50	48.8	ug/L	98				61	105	
	3,3-Dichlorobenzidine	50	34	ug/L	68				43	108	
	Benzo(a)anthracene	50	44.2	ug/L	88				62	107	
	Chrysene	50	44	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	49.6	ug/L	99				59	110	
	Di-n-octyl phthalate	50	51.9	ug/L	104				67	126	
	Benzo(b)fluoranthene	50	48.9	ug/L	98				77	113	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				64	113	
	Benzo(a)pyrene	50	48.8	ug/L	98				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	46.9	ug/L	94				78	115	
	Benzo(g,h,i)perylene	50	43.9	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.1	ug/L	84				72	101	
	1,4-Dioxane	50	35.1	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.7	ug/L	91				63	116	
	1-Methylnaphthalene	50	40	ug/L	80				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160921BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF051724

SAS No.: BF051724 SDG NO.: BF051724

Lab File ID: BF137926.D

Lab Sample ID: PB160921BS

Instrument ID: BNA_F

Date Extracted: 05/14/2024

Matrix: (soil/water) water

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 12:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160921BS	PB160921BS	BF137926.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160948BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF051724

SAS No.: BF051724 SDG NO.: BF051724

Lab File ID: BF137925.D

Lab Sample ID: PB160948BL

Instrument ID: BNA_F

Date Extracted: 05/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 11:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SW-04-229	P2482-06	BF137927.D	05/17/2024
WCS-TPK	P2486-01	BF137928.D	05/17/2024
WCS-TPKMS	P2486-01MS	BF137929.D	05/17/2024
WCS-TPKMSD	P2486-01MSD	BF137930.D	05/17/2024
B-02-229	P2482-05	BF137931.D	05/17/2024
CHRT-24376	P2496-01	BF137932.D	05/17/2024
SW-02-229	P2482-03	BF137933.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-14

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF051724

SAS No.: BF051724 SDG NO.: BF051724

Lab File ID: BF137934.D

Lab Sample ID: P2513-04

Instrument ID: BNA_F

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 16:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-14	P2513-04	BF137934.D	05/17/2024
TP-13	P2513-01	BF137935.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

280856

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF051724

SAS No.: BF051724 SDG NO.: BF051724

Lab File ID: BF137936.D

Lab Sample ID: P2497-02

Instrument ID: BNA_F

Date Extracted: 05/17/2024

Matrix: (soil/water) water

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 17:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
280856	P2497-02	BF137936.D	05/17/2024
RT3823	P2497-04	BF137937.D	05/17/2024
RT3997	P2497-06	BF137938.D	05/17/2024
280646	P2497-08	BF137939.D	05/17/2024
WC-MH-JJ	P2480-04	BF137940.D	05/17/2024
WC-MH-JJMS	P2480-04MS	BF137941.D	05/17/2024
WC-MH-JJMSD	P2480-04MSD	BF137942.D	05/17/2024
TP-13	P2513-03	BF137943.D	05/17/2024
TP-14	P2513-06	BF137944.D	05/17/2024
TP-15	P2513-09	BF137945.D	05/17/2024
TP-16	P2513-12	BF137946.D	05/17/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2480-04MS		Client Sample ID: WC-MH-JJMS		DataFile: BF137941.D							
n-Nitrosodimethylamine	500		460	ug/L	92				10	130	
Pyridine	500		350	ug/L	70				10	109	
Benzaldehyde	500		120	ug/L	24				10	137	
Aniline	500		210	ug/L	42				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	
2-Methylphenol	500		450	ug/L	90				23	132	
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		450	ug/L	90				17	136	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		420	ug/L	84				35	137	
Nitrobenzene	500		430	ug/L	86				40	134	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		460	ug/L	92				30	148	
2,4-Dimethylphenol	500		490	ug/L	98				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		470	ug/L	94				22	146	
1,2,4-Trichlorobenzene	500		430	ug/L	86				66	110	
Benzoic acid	500		440	ug/L	88				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		48.5	ug/L	10				10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		460	ug/L	92				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		480	ug/L	96				46	139	
2,4,5-Trichlorophenol	500		470	ug/L	94				42	129	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		260	ug/L	52				10	111	
Acenaphthene	500		510	ug/L	102				37	146	
Total PAH	8000		7610	ug/L	95				37	146	
2,4-Dinitrophenol	1000		950	ug/L	95				14	167	
4-Nitrophenol	1000		1000	ug/L	100				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

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	1000		980	ug/L	98				40	151	
2,4-Dinitrotoluene	500		510	ug/L	102				40	151	
Diethylphthalate	500		490	ug/L	98				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		530	ug/L	106				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		490	ug/L	98				72	112	
4-Bromophenyl-phenylether	500		470	ug/L	94				42	151	
Hexachlorobenzene	500		450	ug/L	90				60	129	
Atrazine	500		580	ug/L	116				20	162	
Pentachlorophenol	1000		950	ug/L	95				15	137	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		490	ug/L	98				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzydine	1000		270	ug/L	27				10	130	
Pyrene	500		470	ug/L	94				41	149	
Butylbenzylphthalate	500		610	ug/L	122				39	155	
3,3-Dichlorobenzidine	500		280	ug/L	56				10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		480	ug/L	96				44	144	
bis(2-Ethylhexyl)phthalate	500		630	ug/L	126				33	160	
Di-n-octyl phthalate	500		660	ug/L	132				36	158	
Benzo(b)fluoranthene	500		450	ug/L	90				40	150	
Benzo(k)fluoranthene	500		460	ug/L	92				40	147	
Benzo(a)pyrene	500		500	ug/L	100				42	147	
Indeno(1,2,3-cd)pyrene	500		500	ug/L	100				30	166	
Dibenz(a,h)anthracene	500		490	ug/L	98				23	172	
Benzo(g,h,i)perylene	500		430	ug/L	86				27	167	
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92				89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		430	ug/L	86				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2480-04MSD		Client Sample ID: WC-MH-JJMSD		DataFile: BF137942.D							
n-Nitrosodimethylamine	500		440	ug/L	88		4		10	130	20
Pyridine	500		360	ug/L	72		3		10	109	20
Benzaldehyde	500		120	ug/L	24		0		10	137	20
Aniline	500		190	ug/L	38		10		10	130	20
Phenol	500		390	ug/L	78		5		10	130	20
bis(2-Chloroethyl)ether	500		450	ug/L	90		2		29	141	20
2-Chlorophenol	500		440	ug/L	88		4		23	127	20
1,2-Dichlorobenzene	500		420	ug/L	84		2		61	114	20
1,3-Dichlorobenzene	500		400	ug/L	80		2		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		0		55	125	20
Benzyl Alcohol	500		480	ug/L	96	*	4		31	94	20
2-Methylphenol	500		440	ug/L	88		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		2		36	141	20
Acetophenone	500		450	ug/L	90		2		31	164	20
3+4-Methylphenols	500		420	ug/L	84		7		17	136	20
N-Nitroso-di-n-propylamine	500		460	ug/L	92		4		36	147	20
Hexachloroethane	500		420	ug/L	84		0		35	137	20
Nitrobenzene	500		420	ug/L	84		2		40	134	20
Isophorone	500		450	ug/L	90		4		39	146	20
2-Nitrophenol	500		460	ug/L	92		0		30	148	20
2,4-Dimethylphenol	500		480	ug/L	96		2		17	143	20
bis(2-Chloroethoxy)methane	500		440	ug/L	88		4		39	143	20
2,4-Dichlorophenol	500		450	ug/L	90		4		22	146	20
1,2,4-Trichlorobenzene	500		430	ug/L	86		0		66	110	20
Benzoic acid	500		430	ug/L	86		2		10	101	20
Naphthalene	500		430	ug/L	86		2		17	157	20
4-Chloroaniline	500		59.4	ug/L	12		18		10	95	20
Hexachlorobutadiene	500		400	ug/L	80		2		52	125	20
Caprolactam	500		440	ug/L	88		0		10	130	20
4-Chloro-3-methylphenol	500		460	ug/L	92		4		17	148	20
2-Methylnaphthalene	500		440	ug/L	88		4		38	146	20
Hexachlorocyclopentadiene	1000		1200	ug/L	120		0		20	153	20
2,4,6-Trichlorophenol	500		460	ug/L	92		4		46	139	20
2,4,5-Trichlorophenol	500		460	ug/L	92		2		42	129	20
1,1-Biphenyl	500		450	ug/L	90		2		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		2		41	145	20
2-Nitroaniline	500		470	ug/L	94		6		39	151	20
Dimethylphthalate	500		480	ug/L	96		2		42	147	20
Acenaphthylene	500		490	ug/L	98		2		40	141	20
2,6-Dinitrotoluene	500		460	ug/L	92		2		43	148	20
3-Nitroaniline	500		200	ug/L	40		26	*	10	111	20
Acenaphthene	500		490	ug/L	98		4		37	146	20
Total PAH	8000		7280	ug/L	91		4		37	146	20
2,4-Dinitrophenol	1000		910	ug/L	91		4		14	167	20
4-Nitrophenol	1000		980	ug/L	98		2		10	130	20
Dibenzofuran	500		460	ug/L	92		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

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	1000		950	ug/L	95		3		40	151	20
2,4-Dinitrotoluene	500		490	ug/L	98		4		40	151	20
Diethylphthalate	500		480	ug/L	96		2		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		2		38	149	20
Fluorene	500		450	ug/L	90		4		39	144	20
4-Nitroaniline	500		490	ug/L	98		8		27	138	20
4,6-Dinitro-2-methylphenol	500		490	ug/L	98		4		32	175	20
N-Nitrosodiphenylamine	500		460	ug/L	92		2		40	150	20
Azobenzene	500		470	ug/L	94		4		72	112	20
4-Bromophenyl-phenylether	500		460	ug/L	92		2		42	151	20
Hexachlorobenzene	500		440	ug/L	88		2		60	129	20
Atrazine	500		570	ug/L	114		2		20	162	20
Pentachlorophenol	1000		900	ug/L	90		5		15	137	20
Phenanthrene	500		460	ug/L	92		2		40	147	20
Anthracene	500		470	ug/L	94		4		41	146	20
Carbazole	500		450	ug/L	90		6		37	154	20
Di-n-butylphthalate	500		500	ug/L	100		4		40	151	20
Fluoranthene	500		430	ug/L	86		7		42	146	20
Benzidine	1000		350	ug/L	35		26	*	10	130	20
Pyrene	500		420	ug/L	84		11		41	149	20
Butylbenzylphthalate	500		540	ug/L	108		12		39	155	20
3,3-Dichlorobenzidine	500		250	ug/L	50		11		10	114	20
Benzo(a)anthracene	500		470	ug/L	94		4		41	147	20
Chrysene	500		460	ug/L	92		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		560	ug/L	112		12		33	160	20
Di-n-octyl phthalate	500		620	ug/L	124		6		36	158	20
Benzo(b)fluoranthene	500		430	ug/L	86		5		40	150	20
Benzo(k)fluoranthene	500		450	ug/L	90		2		40	147	20
Benzo(a)pyrene	500		480	ug/L	96		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		470	ug/L	94		6		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		4		23	172	20
Benzo(g,h,i)perylene	500		410	ug/L	82		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*	4		89	102	20
1,4-Dioxane	500		380	ug/L	76		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		480	ug/L	96		6		91	111	20
1-Methylnaphthalene	500		420	ug/L	84		2		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2486-01MS		Client Sample ID: WCS-TPKMS		DataFile: BF137929.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		970	ug/Kg	88				45	119	
Benzaldehyde	1100		380	ug/Kg	35				26	163	
Aniline	1100		1000	ug/Kg	91	*			10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		990	ug/Kg	90				62	101	
1,4-Dichlorobenzene	1100		990	ug/Kg	90				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				53	132	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		990	ug/Kg	90				65	117	
Nitrobenzene	1100		980	ug/Kg	89				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				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		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		990	ug/Kg	90				57	103	
Benzoic acid	1100		680	ug/Kg	62				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		710	ug/Kg	65				10	100	
Hexachlorobutadiene	1100		960	ug/Kg	87				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300		3000	ug/Kg	130				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		990	ug/Kg	90				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		880	ug/Kg	80				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		17330	ug/Kg	98				70	121	
2,4-Dinitrophenol	2300		1900	ug/Kg	83				16	160	
4-Nitrophenol	2300		2600	ug/Kg	113				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2300		2000	ug/Kg	87				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2300		2400	ug/Kg	104				10	119	
Pyrene	1100		930	ug/Kg	85				52	128	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		910	ug/Kg	83				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118				66	127	
Di-n-octyl phthalate	1100		1400	ug/Kg	127	*			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		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		880	ug/Kg	80				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		980	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2486-01MSD		Client Sample ID: WCS-TPKMSD		DataFile: BF137930.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		0		66	124	20
Pyridine	1100		1000	ug/Kg	91		3		45	119	20
Benzaldehyde	1100		390	ug/Kg	35		0		26	163	20
Aniline	1100		1000	ug/Kg	91	*	0		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		61	138	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		0		61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91		1		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		1		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		52	115	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		1		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		2		70	119	20
Isophorone	1100		1100	ug/Kg	100		9		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		1		57	103	20
Benzoic acid	1100		730	ug/Kg	66		6		50	104	20
Naphthalene	1100		1000	ug/Kg	91		0		72	110	20
4-Chloroaniline	1100		720	ug/Kg	65		0		10	100	20
Hexachlorobutadiene	1100		960	ug/Kg	87		0		66	114	20
Caprolactam	1100		1200	ug/Kg	109		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		0		59	123	20
Hexachlorocyclopentadiene	2300		3100	ug/Kg	135		4		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1000	ug/Kg	91		0		75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91		1		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		0		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		9		70	125	20
3-Nitroaniline	1100		880	ug/Kg	80		0		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		9		70	121	20
Total PAH	17600		17690	ug/Kg	101		3		70	121	20
2,4-Dinitrophenol	2300		2000	ug/Kg	87		5		16	160	20
4-Nitrophenol	2300		2600	ug/Kg	113		0		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		10		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		0		68	116	20
4-Nitroaniline	1100		1300	ug/Kg	118		8		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		0		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		0		73	118	20
Azobenzene	1100		1100	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2300		2100	ug/Kg	91		4		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		72	113	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		0		59	125	20
Benzydine	2300		2500	ug/Kg	109		5		10	119	20
Pyrene	1100		990	ug/Kg	90		6		52	128	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		0		64	126	20
3,3-Dichlorobenzidine	1100		940	ug/Kg	85		2		10	164	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		0		71	114	20
Chrysene	1100		1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118		0		66	127	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127	*	0		71	126	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		0		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		0		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109		9		61	125	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		0		67	130	20
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		0		69	124	20
1,4-Dioxane	1100		910	ug/Kg	83		4		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		0		56	133	20
1-Methylnaphthalene	1100		990	ug/Kg	90		1		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160921BS	PB160921BS	BF137926.D	2-Fluorophenol	150	124.05	83		10	139
			Phenol-d6	150	122.97	82		10	134
			Nitrobenzene-d5	100	81.75	82		49	133
			2-Fluorobiphenyl	100	79.84	80		52	132
			2,4,6-Tribromophenol	150	133.65	89		32	145
			Terphenyl-d14	100	82.14	82		36	145

Surrogate Summary

SW-846

SDG No.: **BF051724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2482-03	SW-02-229	BF137933.D	2-Fluorophenol	150	76.80	51		18	112
			Phenol-d6	150	78.59	52		15	107
			Nitrobenzene-d5	100	52.33	52		18	107
			2-Fluorobiphenyl	100	51.44	51		20	109
			2,4,6-Tribromophenol	150	79.14	53		10	110
			Terphenyl-d14	100	51.07	51		14	112
P2482-05	B-02-229	BF137931.D	2-Fluorophenol	150	90.76	61		18	112
			Phenol-d6	150	91.13	61		15	107
			Nitrobenzene-d5	100	58.99	59		18	107
			2-Fluorobiphenyl	100	57.64	58		20	109
			2,4,6-Tribromophenol	150	89.29	60		10	110
			Terphenyl-d14	100	52.28	52		14	112
P2482-06	SW-04-229	BF137927.D	2-Fluorophenol	150	76.05	51		18	112
			Phenol-d6	150	76.34	51		15	107
			Nitrobenzene-d5	100	50.91	51		18	107
			2-Fluorobiphenyl	100	52.27	52		20	109
			2,4,6-Tribromophenol	150	75.32	50		10	110
			Terphenyl-d14	100	44.19	44		14	112
P2486-01	WCS-TPK	BF137928.D	2-Fluorophenol	150	113.22	75		18	112
			Phenol-d6	150	114.65	76		15	107
			Nitrobenzene-d5	100	74.46	74		18	107
			2-Fluorobiphenyl	100	72.26	72		20	109
			2,4,6-Tribromophenol	150	115.27	77		10	110
			Terphenyl-d14	100	63.72	64		14	112
P2486-01MS	WCS-TPKMS	BF137929.D	2-Fluorophenol	150	108.88	73		18	112
			Phenol-d6	150	109.52	73		15	107
			Nitrobenzene-d5	100	71.45	71		18	107
			2-Fluorobiphenyl	100	70.03	70		20	109
			2,4,6-Tribromophenol	150	121.10	81		10	110
			Terphenyl-d14	100	66.30	66		14	112
P2486-01MSD	WCS-TPKMSD	BF137930.D	2-Fluorophenol	150	109.82	73		18	112
			Phenol-d6	150	111.89	75		15	107
			Nitrobenzene-d5	100	72.33	72		18	107
			2-Fluorobiphenyl	100	71.70	72		20	109
			2,4,6-Tribromophenol	150	123.43	82		10	110
			Terphenyl-d14	100	69.69	70		14	112
P2496-01	CHRT-24376	BF137932.D	2-Fluorophenol	150	87.15	58		18	112
			Phenol-d6	150	85.08	57		15	107
			Nitrobenzene-d5	100	58.36	58		18	107
			2-Fluorobiphenyl	100	76.18	76		20	109
			2,4,6-Tribromophenol	150	101.37	68		10	110
			Terphenyl-d14	100	42.85	43		14	112
PB160948BL	PB160948BL	BF137925.D	2-Fluorophenol	150	131.08	87		18	112
			Phenol-d6	150	128.21	85		15	107
			Nitrobenzene-d5	100	87.80	88		18	107
			2-Fluorobiphenyl	100	87.94	88		20	109
			2,4,6-Tribromophenol	150	137.65	92		10	110
			Terphenyl-d14	100	87.86	88		14	112



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

Surrogate Summary

SW-846

SDG No.: BF051724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2513-01	TP-13	BF137935.D	2-Fluorophenol	150	88.18	59		18	112
			Phenol-d6	150	87.90	59		15	107
			Nitrobenzene-d5	100	57.94	58		18	107
			2-Fluorobiphenyl	100	56.95	57		20	109
			2,4,6-Tribromophenol	150	87.87	59		10	110
			Terphenyl-d14	100	52.80	53		14	112
P2513-04	TP-14	BF137934.D	2-Fluorophenol	150	68.54	46		18	112
			Phenol-d6	150	68.33	46		15	107
			Nitrobenzene-d5	100	43.82	44		18	107
			2-Fluorobiphenyl	100	43.78	44		20	109
			2,4,6-Tribromophenol	150	65.36	44		10	110
			Terphenyl-d14	100	42.24	42		14	112

Surrogate Summary

SW-846

SDG No.: **BF051724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2480-04	WC-MH-JJ	BF137940.D	2-Fluorophenol	150	116.18	77		10	139
			Phenol-d6	150	105.88	71		10	134
			Nitrobenzene-d5	100	84.47	84		49	133
			2-Fluorobiphenyl	100	82.28	82		52	132
			2,4,6-Tribromophenol	150	137.84	92		32	145
			Terphenyl-d14	100	87.99	88		36	145
P2480-04MS	WC-MH-JJMS	BF137941.D	2-Fluorophenol	150	117.02	78		10	139
			Phenol-d6	150	109.07	73		10	134
			Nitrobenzene-d5	100	84.35	84		49	133
			2-Fluorobiphenyl	100	83.76	84		52	132
			2,4,6-Tribromophenol	150	140.65	94		32	145
			Terphenyl-d14	100	90.54	91		36	145
P2480-04MSD	WC-MH-JJMSD	BF137942.D	2-Fluorophenol	150	116.49	78		10	139
			Phenol-d6	150	109.95	73		10	134
			Nitrobenzene-d5	100	84.44	84		49	133
			2-Fluorobiphenyl	100	83.86	84		52	132
			2,4,6-Tribromophenol	150	136.62	91		32	145
			Terphenyl-d14	100	81.61	82		36	145
P2497-02	280856	BF137936.D	2-Fluorophenol	150	115.83	77		10	139
			Phenol-d6	150	106.82	71		10	134
			Nitrobenzene-d5	100	86.03	86		49	133
			2-Fluorobiphenyl	100	83.73	84		52	132
			2,4,6-Tribromophenol	150	140.25	94		32	145
			Terphenyl-d14	100	89.36	89		36	145
P2497-04	RT3823	BF137937.D	2-Fluorophenol	150	115.18	77		10	139
			Phenol-d6	150	104.28	70		10	134
			Nitrobenzene-d5	100	83.80	84		49	133
			2-Fluorobiphenyl	100	81.48	81		52	132
			2,4,6-Tribromophenol	150	136.68	91		32	145
			Terphenyl-d14	100	86.07	86		36	145
P2497-06	RT3997	BF137938.D	2-Fluorophenol	150	121.41	81		10	139
			Phenol-d6	150	106.92	71		10	134
			Nitrobenzene-d5	100	85.48	85		49	133
			2-Fluorobiphenyl	100	92.27	92		52	132
			2,4,6-Tribromophenol	150	157.42	105		32	145
			Terphenyl-d14	100	92.46	92		36	145
P2497-08	280646	BF137939.D	2-Fluorophenol	150	112.24	75		10	139
			Phenol-d6	150	96.41	64		10	134
			Nitrobenzene-d5	100	84.07	84		49	133
			2-Fluorobiphenyl	100	87.72	88		52	132
			2,4,6-Tribromophenol	150	146.58	98		32	145
			Terphenyl-d14	100	89.78	90		36	145
P2513-03	TP-13	BF137943.D	2-Fluorophenol	150	117.24	78		10	139
			Phenol-d6	150	107.55	72		10	134
			Nitrobenzene-d5	100	86.16	86		49	133
			2-Fluorobiphenyl	100	82.84	83		52	132
			2,4,6-Tribromophenol	150	141.68	94		32	145
			Terphenyl-d14	100	84.02	84		36	145
P2513-06	TP-14	BF137944.D	2-Fluorophenol	150	117.76	79		10	139

Surrogate Summary

SW-846

SDG No.: **BF051724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2513-06	TP-14	BF137944.D	Phenol-d6	150	104.71	70		10	134
			Nitrobenzene-d5	100	83.97	84		49	133
			2-Fluorobiphenyl	100	85.95	86		52	132
			2,4,6-Tribromophenol	150	143.48	96		32	145
			Terphenyl-d14	100	83.65	84		36	145
P2513-09	TP-15	BF137945.D	2-Fluorophenol	150	114.26	76		10	139
			Phenol-d6	150	102.91	69		10	134
			Nitrobenzene-d5	100	84.18	84		49	133
			2-Fluorobiphenyl	100	83.42	83		52	132
			2,4,6-Tribromophenol	150	140.21	93		32	145
P2513-12	TP-16	BF137946.D	Terphenyl-d14	100	90.57	91		36	145
			2-Fluorophenol	150	123.28	82		10	139
			Phenol-d6	150	113.80	76		10	134
			Nitrobenzene-d5	100	86.78	87		49	133
			2-Fluorobiphenyl	100	84.65	85		52	132
			2,4,6-Tribromophenol	150	140.47	94		32	145
			Terphenyl-d14	100	90.19	90		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF051724

Lab Code: CHEM

SAS No.: BF051724

SDG NO.: BF051724

Lab File ID: BF137923.D

DFTPP Injection Date: 05/17/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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	BF137924.D	05/17/2024	11:22
PB160948BL	PB160948BL	BF137925.D	05/17/2024	11:50
PB160921BS	PB160921BS	BF137926.D	05/17/2024	12:19
SW-04-229	P2482-06	BF137927.D	05/17/2024	12:54
WCS-TPK	P2486-01	BF137928.D	05/17/2024	13:22
WCS-TPKMS	P2486-01MS	BF137929.D	05/17/2024	13:52
WCS-TPKMSD	P2486-01MSD	BF137930.D	05/17/2024	14:22
B-02-229	P2482-05	BF137931.D	05/17/2024	14:51
CHRT-24376	P2496-01	BF137932.D	05/17/2024	15:20
SW-02-229	P2482-03	BF137933.D	05/17/2024	15:49
TP-14	P2513-04	BF137934.D	05/17/2024	16:19
TP-13	P2513-01	BF137935.D	05/17/2024	16:48
280856	P2497-02	BF137936.D	05/17/2024	17:18
RT3823	P2497-04	BF137937.D	05/17/2024	17:48
RT3997	P2497-06	BF137938.D	05/17/2024	18:18
280646	P2497-08	BF137939.D	05/17/2024	18:48
WC-MH-JJ	P2480-04	BF137940.D	05/17/2024	19:17
WC-MH-JJMS	P2480-04MS	BF137941.D	05/17/2024	19:46

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF051724

Lab Code: CHEM

SAS No.: BF051724

SDG NO.: BF051724

Lab File ID: BF137923.D

DFTPP Injection Date: 05/17/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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
WC-MH-JJMSD	P2480-04MSD	BF137942.D	05/17/2024	20:15
TP-13	P2513-03	BF137943.D	05/17/2024	20:44
TP-14	P2513-06	BF137944.D	05/17/2024	21:13
TP-15	P2513-09	BF137945.D	05/17/2024	21:42
TP-16	P2513-12	BF137946.D	05/17/2024	22:12