

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF121924 SAS No.: BF121924 SDG No.: BF121924

Instrument ID: BNA_F Calibration Date/Time: 12/19/2024 : 11:38

Lab File ID: BF140918.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	0.611	0.531		-13.093	
Pyridine	1.212	1.128		-6.931	
2-Fluorophenol	1.215	1.221		0.494	
Benzaldehyde	0.892	0.851		-4.596	
Aniline	1.376	1.299		-5.596	
Phenol-d6	1.609	1.487		-7.582	
Phenol	1.668	1.568		-5.995	20.0
bis(2-Chloroethyl) ether	1.244	1.187		-4.582	
2-Chlorophenol	1.325	1.270		-4.151	
1,2-Dichlorobenzene	1.446	1.351		-6.57	
1,3-Dichlorobenzene	1.510	1.434		-5.033	
1,4-Dichlorobenzene	1.532	1.474		-3.786	20.0
Benzyl Alcohol	1.151	1.098		-4.605	
2-Methylphenol	1.058	0.965		-8.79	
2,2-oxybis(1-Chloropropane)	1.465	1.372		-6.348	
Acetophenone	0.500	0.482		-3.6	
3+4-Methylphenols	1.403	1.307		-6.842	
n-Nitroso-di-n-propylamine	0.965	0.878	0.050	-9.016	
Nitrobenzene-d5	0.400	0.386		-3.5	
Hexachloroethane	0.570	0.530		-7.018	
Nitrobenzene	0.410	0.392		-4.39	
Isophorone	0.670	0.648		-3.284	
2-Nitrophenol	0.189	0.188		-0.529	20.0
2,4-Dimethylphenol	0.220	0.217		-1.364	
bis(2-Chloroethoxy) methane	0.418	0.408		-2.392	
2,4-Dichlorophenol	0.304	0.300		-1.316	20.0
1,2,4-Trichlorobenzene	0.349	0.334		-4.298	
Benzoic acid	0.209	0.202		-3.349	
Naphthalene	1.099	1.070		-2.639	
4-Chloroaniline	0.365	0.367		0.548	
Hexachlorobutadiene	0.235	0.224		-4.681	20.0
Caprolactam	0.091	0.100		9.89	
4-Chloro-3-methylphenol	0.342	0.331		-3.216	20.0
2-Methylnaphthalene	0.727	0.712		-2.063	
Hexachlorocyclopentadiene	0.153	0.110	0.050	-28.105	
2,4,6-Trichlorophenol	0.376	0.385		2.394	20.0
2-Fluorobiphenyl	1.455	1.472		1.168	
2,4,5-Trichlorophenol	0.414	0.412		-0.483	
1,1-Biphenyl	1.590	1.648		3.648	

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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	1.217	1.266		4.026	
2-Nitroaniline	0.367	0.391		6.54	
Dimethylphthalate	1.410	1.465		3.901	
Acenaphthylene	1.788	1.915		7.103	
2,6-Dinitrotoluene	0.322	0.329		2.174	
3-Nitroaniline	0.320	0.327		2.188	
Acenaphthene	1.142	1.107		-3.065	20.0
2,4-Dinitrophenol	0.132	0.123	0.050	-6.818	
4-Nitrophenol	0.150	0.181	0.050	20.667	
Dibenzofuran	1.770	1.720		-2.825	
2,4-Dinitrotoluene	0.424	0.419		-1.179	
Diethylphthalate	1.462	1.435		-1.847	
4-Chlorophenyl-phenylether	0.733	0.745		1.637	
Fluorene	1.460	1.449		-0.753	
4-Nitroaniline	0.334	0.350		4.79	
4,6-Dinitro-2-methylphenol	0.113	0.117		3.54	
n-Nitrosodiphenylamine	0.615	0.634		3.089	20.0
Azobenzene	1.375	1.392		1.236	
2,4,6-Tribromophenol	0.237	0.237		0.0	
4-Bromophenyl-phenylether	0.224	0.210		-6.25	
Hexachlorobenzene	0.254	0.242		-4.724	
Atrazine	0.172	0.145		-15.698	
Pentachlorophenol	0.093	0.077		-17.204	20.0
Phenanthrene	1.028	0.989		-3.794	
Anthracene	1.013	0.965		-4.738	
Carbazole	0.992	0.982		-1.008	
Di-n-butylphthalate	1.164	1.169		0.43	
Fluoranthene	1.184	1.131		-4.476	20.0
Benzidine	0.408	0.484		18.627	
Pyrene	1.779	1.748		-1.743	
Terphenyl-d14	1.268	1.238		-2.366	
Butylbenzylphthalate	0.654	0.698		6.728	
3,3-Dichlorobenzidine	0.428	0.417		-2.57	
Benzo(a)anthracene	1.417	1.385		-2.258	
Chrysene	1.289	1.257		-2.483	
Bis(2-ethylhexyl)phthalate	0.844	0.881		4.384	
Di-n-octyl phthalate	1.277	1.249		-2.193	20.0
Benzo(b)fluoranthene	1.388	1.367		-1.513	
Benzo(k)fluoranthene	1.191	1.165		-2.183	

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Instrument ID: BNA_F Calibration Date/Time: 12/19/2024 : 11:38

Lab File ID: BF140918.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.087	1.075		-1.104	20.0
Indeno(1,2,3-cd)pyrene	1.248	1.392		11.538	
Dibenzo(a,h)anthracene	1.034	1.153		11.509	
Benzo(g,h,i)perylene	1.052	1.158		10.076	
1,2,4,5-Tetrachlorobenzene	0.615	0.631		2.602	
1,4-Dioxane	0.523	0.450		-13.958	20.0
2,3,4,6-Tetrachlorophenol	0.337	0.351		4.154	
1-Methylnaphthalene	0.719	0.679		-5.563	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BL	SDG No.:	BF121924
Lab Sample ID:	PB165719BL	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
BF140919.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BL	SDG No.:	BF121924
Lab Sample ID:	PB165719BL	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
BF140919.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BL	SDG No.:	BF121924
Lab Sample ID:	PB165719BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140919.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	157.097		10-139		105	SPK: -150
13127-88-3	Phenol-d6	153.042		10-134		102	SPK: -150
4165-60-0	Nitrobenzene-d5	106.813		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	100.375		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BL	SDG No.:	BF121924
Lab Sample ID:	PB165719BL	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
BF140919.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.375		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	102.652		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69607	6.846				
1146-65-2	Naphthalene-d8	253415	8.128				
15067-26-2	Acenaphthene-d10	149553	9.881				
1517-22-2	Phenanthrene-d10	307565	11.375				
1719-03-5	Chrysene-d12	207734	14.027				
1520-96-3	Perylene-d12	165067	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.4	J			2.187	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BS	SDG No.:	BF121924
Lab Sample ID:	PB165719BS	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
BF140920.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.4		1	8	10	ug/L
110-86-1	Pyridine	45.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.5		4	8	10	ug/L
62-53-3	Aniline	42.7		1.6	4	5	ug/L
108-95-2	Phenol	50.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	52.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	53.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	49.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	54.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.8		1.4	4	5	ug/L
98-86-2	Acetophenone	48.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.4		1	4	5	ug/L
98-95-3	Nitrobenzene	46		1.3	4	5	ug/L
78-59-1	Isophorone	51.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	52.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	39		5.5	8	10	ug/L
91-20-3	Naphthalene	49.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	35.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BS	SDG No.:	BF121924
Lab Sample ID:	PB165719BS	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
BF140920.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	60.2		5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	51.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	50.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	52.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.1		0.81	4	5	ug/L
Total PAH	Total PAH	838.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	87.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	84.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	50.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	51		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.4		0.98	4	5	ug/L
86-73-7	Fluorene	50.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	55.2		0.89	4	5	ug/L
103-33-3	Azobenzene	50.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	52.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	53.6		1.1	4	5	ug/L
1912-24-9	Atrazine	66.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BS	SDG No.:	BF121924
Lab Sample ID:	PB165719BS	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
BF140920.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	54.5		0.89	4	5	ug/L
120-12-7	Anthracene	55.8		1.1	4	5	ug/L
86-74-8	Carbazole	52.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	55.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	53.6		1.3	4	5	ug/L
92-87-5	Benzidine	46.8		4.1	8	10	ug/L
129-00-0	Pyrene	49.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.5		0.94	4	5	ug/L
218-01-9	Chrysene	49.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	56.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	52.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	143.599		10-139		96	SPK: -150
13127-88-3	Phenol-d6	141.404		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	95.445		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	99.487		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165719BS	SDG No.:	BF121924
Lab Sample ID:	PB165719BS	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
BF140920.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.103		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	102.132		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74320	6.845				
1146-65-2	Naphthalene-d8	267213	8.128				
15067-26-2	Acenaphthene-d10	145295	9.886				
1517-22-2	Phenanthrene-d10	276523	11.38				
1719-03-5	Chrysene-d12	202160	14.039				
1520-96-3	Perylene-d12	153304	15.539				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165680TB	SDG No.:	BF121924
Lab Sample ID:	PB165680TB	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
BF140921.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165680TB	SDG No.:	BF121924
Lab Sample ID:	PB165680TB	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
BF140921.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165680TB	SDG No.:	BF121924
Lab Sample ID:	PB165680TB	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
BF140921.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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	159.319		10-139		106	SPK: -150
13127-88-3	Phenol-d6	151.885		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	92.295		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	100.467		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	PB165680TB	SDG No.:	BF121924
Lab Sample ID:	PB165680TB	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
BF140921.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.594		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	91.65		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70295	6.845				
1146-65-2	Naphthalene-d8	274815	8.128				
15067-26-2	Acenaphthene-d10	153483	9.88				
1517-22-2	Phenanthrene-d10	302044	11.374				
1719-03-5	Chrysene-d12	232015	14.033				
1520-96-3	Perylene-d12	162327	15.545				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140922.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140922.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140922.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	58.806		18-112		39	SPK: -150
13127-88-3	Phenol-d6	71.373		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	57.034		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	56.313		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140922.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	40.217		10-116		27	SPK: -150
1718-51-0	Terphenyl-d14	55.772		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58228	6.845				
1146-65-2	Naphthalene-d8	220188	8.128				
15067-26-2	Acenaphthene-d10	116582	9.881				
1517-22-2	Phenanthrene-d10	194511	11.375				
1719-03-5	Chrysene-d12	118632	14.027				
1520-96-3	Perylene-d12	132279	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	670	A			4.451	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	840	A			5.075	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	48.4	J			8.534	
000629-50-5	Tridecane	100	J			8.704	
003891-98-3	Dodecane, 2,6,10-trimethyl-	48.2	J			9.134	
000629-59-4	Tetradecane	100	J			9.269	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	90.9	J			9.586	
000629-62-9	Pentadecane	84.9	J			9.798	
000112-40-3	Dodecane	56.7	J			10.298	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	40.2	J			10.516	
000119-61-9	Benzophenone	61.7	J			10.592	
031295-56-4	Dodecane, 2,6,11-trimethyl-	99.3	J			10.781	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	46.6	J			11.251	
000057-10-3	n-Hexadecanoic acid	70.7	J			11.892	
000295-17-0	Cyclotetradecane	130	J			13.851	

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-13	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140923.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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	35.7	J	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:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-13	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
BF140923.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-13	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
BF140923.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

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	136.885		10-139		91	SPK: -150
13127-88-3	Phenol-d6	130.351		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	111.714		49-133		112	SPK: -100
321-60-8	2-Fluorobiphenyl	110.717		52-132		111	SPK: -100

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-13	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
BF140923.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.014		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	113.416		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61223	6.851				
1146-65-2	Naphthalene-d8	208045	8.128				
15067-26-2	Acenaphthene-d10	120608	9.88				
1517-22-2	Phenanthrene-d10	226789	11.374				
1719-03-5	Chrysene-d12	146502	14.027				
1520-96-3	Perylene-d12	54946	15.533				

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW3-20241213DL	SDG No.:	BF121924
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140924.D	5	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.3	U	5.3	40.8	51	ug/L
110-86-1	Pyridine	7.9	U	7.9	20.4	25.5	ug/L
100-52-7	Benzaldehyde	20.4	U	20.4	40.8	51	ug/L
62-53-3	Aniline	8.2	U	8.2	20.4	25.5	ug/L
108-95-2	Phenol	4.7	U	4.7	20.4	25.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.1	U	6.1	20.4	25.5	ug/L
95-57-8	2-Chlorophenol	3.6	U	3.6	20.4	25.5	ug/L
95-50-1	1,2-Dichlorobenzene	4.5	U	4.5	20.4	25.5	ug/L
541-73-1	1,3-Dichlorobenzene	4.1	U	4.1	20.4	25.5	ug/L
106-46-7	1,4-Dichlorobenzene	4.3	U	4.3	20.4	25.5	ug/L
100-51-6	Benzyl Alcohol	8.2	U	8.2	40.8	51	ug/L
95-48-7	2-Methylphenol	5.8	U	5.8	20.4	25.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.9	U	6.9	20.4	25.5	ug/L
98-86-2	Acetophenone	5.6	U	5.6	20.4	25.5	ug/L
65794-96-9	3+4-Methylphenols	5.9	U	5.9	40.8	51	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.6	U	7.6	12.8	12.8	ug/L
67-72-1	Hexachloroethane	5.2	U	5.2	20.4	25.5	ug/L
98-95-3	Nitrobenzene	6.5	U	6.5	20.4	25.5	ug/L
78-59-1	Isophorone	5.8	U	5.8	20.4	25.5	ug/L
88-75-5	2-Nitrophenol	10	U	10	20.4	25.5	ug/L
105-67-9	2,4-Dimethylphenol	7.7	U	7.7	20.4	25.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.2	U	5.2	20.4	25.5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	U	4.5	20.4	25.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.6	U	5.6	20.4	25.5	ug/L
65-85-0	Benzoic acid	27.9	U	27.9	40.8	51	ug/L
91-20-3	Naphthalene	170	D	5.2	20.4	25.5	ug/L
106-47-8	4-Chloroaniline	6.6	U	6.6	20.4	25.5	ug/L
87-68-3	Hexachlorobutadiene	6.5	U	6.5	20.4	25.5	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW3-20241213DL	SDG No.:	BF121924
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140924.D	5	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.4	U	8.4	40.8	51	ug/L
59-50-7	4-Chloro-3-methylphenol	4.3	U	4.3	20.4	25.5	ug/L
91-57-6	2-Methylnaphthalene	13.4	JD	5.8	20.4	25.5	ug/L
77-47-4	Hexachlorocyclopentadiene	25.6	U	25.6	40.8	51	ug/L
88-06-2	2,4,6-Trichlorophenol	4.5	U	4.5	20.4	25.5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.2	U	5.2	20.4	25.5	ug/L
92-52-4	1,1-Biphenyl	4.6	U	4.6	20.4	25.5	ug/L
91-58-7	2-Chloronaphthalene	4.9	U	4.9	20.4	25.5	ug/L
88-74-4	2-Nitroaniline	7.2	U	7.2	20.4	25.5	ug/L
131-11-3	Dimethylphthalate	4.7	U	4.7	20.4	25.5	ug/L
208-96-8	Acenaphthylene	5.3	U	5.3	20.4	25.5	ug/L
606-20-2	2,6-Dinitrotoluene	6.3	U	6.3	20.4	25.5	ug/L
99-09-2	3-Nitroaniline	7	U	7	20.4	25.5	ug/L
83-32-9	Acenaphthene	4.1	U	4.1	20.4	25.5	ug/L
Total PAH	Total PAH	170	UD	88.2	20.4	408	ug/L
51-28-5	2,4-Dinitrophenol	32.8	U	32.8	40.8	51	ug/L
100-02-7	4-Nitrophenol	10.2	U	10.2	40.8	51	ug/L
132-64-9	Dibenzofuran	4.7	U	4.7	20.4	25.5	ug/L
121-14-2	2,4-Dinitrotoluene	7.8	U	7.8	20.4	25.5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.1	U	14.1	20.4	51	ug/L
84-66-2	Diethylphthalate	5.3	U	5.3	20.4	25.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5	U	5	20.4	25.5	ug/L
86-73-7	Fluorene	4.9	U	4.9	20.4	25.5	ug/L
100-01-6	4-Nitroaniline	10.4	U	10.4	20.4	25.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.7	U	15.7	40.8	51	ug/L
86-30-6	n-Nitrosodiphenylamine	4.5	U	4.5	20.4	25.5	ug/L
103-33-3	Azobenzene	6.1	U	6.1	20.4	25.5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	U	4.8	20.4	25.5	ug/L
118-74-1	Hexachlorobenzene	5.8	U	5.8	20.4	25.5	ug/L
1912-24-9	Atrazine	6.4	U	6.4	20.4	25.5	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW3-20241213DL	SDG No.:	BF121924
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140924.D	5	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	9.4	U	9.4	40.8	51	ug/L
85-01-8	Phenanthrene	4.5	U	4.5	20.4	25.5	ug/L
120-12-7	Anthracene	5.5	U	5.5	20.4	25.5	ug/L
86-74-8	Carbazole	5.9	U	5.9	20.4	25.5	ug/L
84-74-2	Di-n-butylphthalate	7.5	U	7.5	20.4	25.5	ug/L
206-44-0	Fluoranthene	6.6	U	6.6	20.4	25.5	ug/L
92-87-5	Benzidine	20.8	U	20.8	40.8	51	ug/L
129-00-0	Pyrene	5.4	U	5.4	20.4	25.5	ug/L
85-68-7	Butylbenzylphthalate	10.7	U	10.7	20.4	25.5	ug/L
91-94-1	3,3-Dichlorobenzidine	6.5	U	6.5	40.8	51	ug/L
56-55-3	Benzo(a)anthracene	4.8	U	4.8	20.4	25.5	ug/L
218-01-9	Chrysene	4.4	U	4.4	20.4	25.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.6	U	9.6	20.4	25.5	ug/L
117-84-0	Di-n-octyl phthalate	12.8	U	12.8	40.8	51	ug/L
205-99-2	Benzo(b)fluoranthene	5.8	U	5.8	20.4	25.5	ug/L
207-08-9	Benzo(k)fluoranthene	6.1	U	6.1	20.4	25.5	ug/L
50-32-8	Benzo(a)pyrene	8.5	U	8.5	20.4	25.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.2	U	5.2	20.4	25.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.9	U	5.9	20.4	25.5	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	20.4	25.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.6	U	5.6	20.4	25.5	ug/L
123-91-1	1,4-Dioxane	6.4	U	6.4	20.4	25.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4	U	4	20.4	25.5	ug/L
90-12-0	1-Methylnaphthalene	17.6	JD	4.4	20.4	25.5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.805		10-139		37	SPK: -150
13127-88-3	Phenol-d6	33.165		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	94.565		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	103.865		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW3-20241213DL	SDG No.:	BF121924
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF140924.D	5	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.53		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	107.27		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62503	6.851				
1146-65-2	Naphthalene-d8	247280	8.128				
15067-26-2	Acenaphthene-d10	131466	9.88				
1517-22-2	Phenanthrene-d10	224739	11.374				
1719-03-5	Chrysene-d12	136937	14.027				
1520-96-3	Perylene-d12	140691	15.533				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	ETGI-357	SDG No.:	BF121924
Lab Sample ID:	P5337-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140925.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	120		49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	ETGI-357	SDG No.:	BF121924
Lab Sample ID:	P5337-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140925.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	ETGI-357	SDG No.:	BF121924
Lab Sample ID:	P5337-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140925.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.354		18-112		48	SPK: -150
13127-88-3	Phenol-d6	86.454		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	69.928		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	61.371		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	ETGI-357	SDG No.:	BF121924
Lab Sample ID:	P5337-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140925.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	44.283		10-116		30	SPK: -150
1718-51-0	Terphenyl-d14	68.055		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52475	6.851				
1146-65-2	Naphthalene-d8	186476	8.128				
15067-26-2	Acenaphthene-d10	113274	9.88				
1517-22-2	Phenanthrene-d10	189803	11.374				
1719-03-5	Chrysene-d12	118500	14.027				
1520-96-3	Perylene-d12	129732	15.527				

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MS	SDG No.:	BF121924
Lab Sample ID:	P5291-13MS	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
BF140926.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530		10.3	80	100	ug/L
110-86-1	Pyridine	300		15.5	40	50	ug/L
100-52-7	Benzaldehyde	54.6	J	40	80	100	ug/L
62-53-3	Aniline	100		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	540		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	520		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	520		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	510		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	480		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	560		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	520		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	550		14.8	25	25	ug/L
67-72-1	Hexachloroethane	550		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	550		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	560		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	640		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	500		11	40	50	ug/L
65-85-0	Benzoic acid	360		54.7	80	100	ug/L
91-20-3	Naphthalene	550		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	120		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MS	SDG No.:	BF121924
Lab Sample ID:	P5291-13MS	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
BF140926.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	390		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	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	680		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	540		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	530		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	470		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	570		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	82.5		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	10460		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	880	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	520		20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	480		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		27.6	40	100	ug/L
84-66-2	Diethylphthalate	500		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	260		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	540		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	400		8.9	40	50	ug/L
103-33-3	Azobenzene	450		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	120		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MS	SDG No.:	BF121924
Lab Sample ID:	P5291-13MS	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
BF140926.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	890	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	590		8.9	40	50	ug/L
120-12-7	Anthracene	610		10.7	40	50	ug/L
86-74-8	Carbazole	330		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	530		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	550		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	590		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	740		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	810	E	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	810	E	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	900	E	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	910	E	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	860	E	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	480		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	500		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.321		10-139		96	SPK: -150
13127-88-3	Phenol-d6	130.77		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	102.98		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	103.278		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MS	SDG No.:	BF121924
Lab Sample ID:	P5291-13MS	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
BF140926.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.448		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	108.333		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53334	6.851				
1146-65-2	Naphthalene-d8	219250	8.128				
15067-26-2	Acenaphthene-d10	121709	9.886				
1517-22-2	Phenanthrene-d10	198273	11.375				
1719-03-5	Chrysene-d12	126402	14.027				
1520-96-3	Perylene-d12	92913	15.527				

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MSD	SDG No.:	BF121924
Lab Sample ID:	P5291-13MSD	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
BF140927.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560		10.3	80	100	ug/L
110-86-1	Pyridine	290		15.5	40	50	ug/L
100-52-7	Benzaldehyde	54.7	J	40	80	100	ug/L
62-53-3	Aniline	100		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	560		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	560		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	540		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	540		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	540		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	490		16	80	100	ug/L
95-48-7	2-Methylphenol	530		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	570		13.5	40	50	ug/L
98-86-2	Acetophenone	560		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	550		14.8	25	25	ug/L
67-72-1	Hexachloroethane	540		10.1	40	50	ug/L
98-95-3	Nitrobenzene	520		12.7	40	50	ug/L
78-59-1	Isophorone	570		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	570		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	680		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	550		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	560		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	530		11	40	50	ug/L
65-85-0	Benzoic acid	380		54.7	80	100	ug/L
91-20-3	Naphthalene	580		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	97.1		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	540		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MSD	SDG No.:	BF121924
Lab Sample ID:	P5291-13MSD	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
BF140927.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	420		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	560		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	700		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		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	540		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	530		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	480		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	550		9.3	40	50	ug/L
208-96-8	Acenaphthylene	590		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	78.3		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	10960		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	960	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	520		20	80	100	ug/L
132-64-9	Dibenzofuran	540		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	430		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
84-66-2	Diethylphthalate	500		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	270		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	620		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	610		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	140		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MSD	SDG No.:	BF121924
Lab Sample ID:	P5291-13MSD	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
BF140927.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	940	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	610		8.9	40	50	ug/L
120-12-7	Anthracene	620		10.7	40	50	ug/L
86-74-8	Carbazole	340		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	570		14.7	40	50	ug/L
206-44-0	Fluoranthene	520		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	540		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	550		9.4	40	50	ug/L
218-01-9	Chrysene	570		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	630		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	780		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	720		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	840	E	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1000	E	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	1100	E	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	900	E	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	530		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	500		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	500		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	530		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	179.438		10-139		120	SPK: -150
13127-88-3	Phenol-d6	134.706		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	109.239		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	100.935		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	WC-20241213MSD	SDG No.:	BF121924
Lab Sample ID:	P5291-13MSD	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
BF140927.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.946		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	104.836		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51170	6.851				
1146-65-2	Naphthalene-d8	191371	8.128				
15067-26-2	Acenaphthene-d10	116350	9.886				
1517-22-2	Phenanthrene-d10	183633	11.374				
1719-03-5	Chrysene-d12	122848	14.033				
1520-96-3	Perylene-d12	89792	15.539				

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW2-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140928.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3.5	J	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	100	E	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW2-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140928.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	30.5		1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	100	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW2-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140928.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	19.5		0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.958		10-139		43	SPK: -150
13127-88-3	Phenol-d6	39.992		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	102.448		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	110.278		52-132		110	SPK: -100

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	MW2-20241213	SDG No.:	BF121924
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140928.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.403		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	107.79		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57762	6.851				
1146-65-2	Naphthalene-d8	194711	8.128				
15067-26-2	Acenaphthene-d10	97803	9.88				
1517-22-2	Phenanthrene-d10	191963	11.374				
1719-03-5	Chrysene-d12	119938	14.027				
1520-96-3	Perylene-d12	149451	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
010574-36-4	2-Hexene, 3-methyl-, (Z)-	10	J			2.487	
002384-94-3	2,4-Heptadiene, (E,E)-	6.6	J			3.593	
000756-02-5	1,4-Pentadiene, 2,3,3-trimethyl-	11.7	J			4.598	
000103-65-1	Benzene, propyl-	48.8	J			6.304	
000620-14-4	Benzene, 1-ethyl-3-methyl-	6.3	J			6.369	
000611-14-3	Benzene, 1-ethyl-2-methyl-	55.5	J			6.404	
000108-67-8	Mesitylene	58.9	J			6.445	
000526-73-8	Benzene, 1,2,3-trimethyl-	180	J			6.675	
000135-98-8	Benzene, (1-methylpropyl)-	7.8	J			6.792	
000622-96-8	Benzene, 1-ethyl-4-methyl-	76.6	J			6.904	
000496-11-7	Indane	140	J			7.028	
000141-93-5	Benzene, 1,3-diethyl-	34.4	J			7.092	
000105-05-5	Benzene, 1,4-diethyl-	42.3	J			7.163	
001074-55-1	Benzene, 1-methyl-4-propyl-	18.3	J			7.234	
000527-84-4	o-Cymene	29.8	J			7.31	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	9	J			7.863	
000603-79-2	Benzoic acid, 2,3-dimethyl-	8.7	J			9.028	
065898-38-6	Indane-5-carboxylic acid	16.6	J			10.169	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210	SDG No.:	BF121924
Lab Sample ID:	P5343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
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
BF140929.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.7	U	64.7	200	250	ug/Kg
110-86-1	Pyridine	59.6	U	59.6	96.9	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	72.2	U	72.2	96.9	130	ug/Kg
108-95-2	Phenol	61.8	U	61.8	96.9	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.4	U	62.4	96.9	130	ug/Kg
95-57-8	2-Chlorophenol	62.2	U	62.2	96.9	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	63.1	U	63.1	96.9	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	64.1	U	64.1	96.9	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.5	U	64.5	96.9	130	ug/Kg
100-51-6	Benzyl Alcohol	61.9	U	61.9	200	250	ug/Kg
95-48-7	2-Methylphenol	60.1	U	60.1	96.9	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.8	U	67.8	96.9	130	ug/Kg
98-86-2	Acetophenone	64.8	U	64.8	96.9	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.5	U	59.5	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30	U	30	59.6	59.6	ug/Kg
67-72-1	Hexachloroethane	61.9	U	61.9	96.9	130	ug/Kg
98-95-3	Nitrobenzene	67.7	U	67.7	96.9	130	ug/Kg
78-59-1	Isophorone	63.1	U	63.1	96.9	130	ug/Kg
88-75-5	2-Nitrophenol	70.4	U	70.4	96.9	130	ug/Kg
105-67-9	2,4-Dimethylphenol	69.5	U	69.5	96.9	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64	U	64	96.9	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56.3	U	56.3	96.9	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.7	U	63.7	96.9	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	61.6	U	61.6	96.9	130	ug/Kg
106-47-8	4-Chloroaniline	61.6	U	61.6	96.9	130	ug/Kg
87-68-3	Hexachlorobutadiene	62.1	U	62.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210	SDG No.:	BF121924
Lab Sample ID:	P5343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
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
BF140929.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.7	U	64.7	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.8	U	57.8	96.9	130	ug/Kg
91-57-6	2-Methylnaphthalene	61.5	U	61.5	96.9	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.2	U	53.2	96.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.2	U	55.2	96.9	130	ug/Kg
92-52-4	1,1-Biphenyl	65.1	U	65.1	96.9	130	ug/Kg
91-58-7	2-Chloronaphthalene	62.1	U	62.1	96.9	130	ug/Kg
88-74-4	2-Nitroaniline	70.8	U	70.8	96.9	130	ug/Kg
131-11-3	Dimethylphthalate	60.9	U	60.9	96.9	130	ug/Kg
208-96-8	Acenaphthylene	64.5	U	64.5	96.9	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	96.9	130	ug/Kg
99-09-2	3-Nitroaniline	66.5	U	66.5	96.9	130	ug/Kg
83-32-9	Acenaphthene	60.4	U	60.4	96.9	130	ug/Kg
Total PAH	Total PAH	2240.8	U	987.7	96.9	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	86.5	U	86.5	200	250	ug/Kg
132-64-9	Dibenzofuran	62.9	U	62.9	96.9	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.3	U	64.3	96.9	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	126.3	U	126.3	96.9	260	ug/Kg
84-66-2	Diethylphthalate	59.7	U	59.7	96.9	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.8	U	63.8	96.9	130	ug/Kg
86-73-7	Fluorene	63.7	U	63.7	96.9	130	ug/Kg
100-01-6	4-Nitroaniline	79.8	U	79.8	96.9	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.2	U	87.2	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.8	U	60.8	96.9	130	ug/Kg
103-33-3	Azobenzene	59.3	U	59.3	96.9	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.8	U	58.8	96.9	130	ug/Kg
118-74-1	Hexachlorobenzene	63.4	U	63.4	96.9	130	ug/Kg
1912-24-9	Atrazine	68.1	U	68.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210	SDG No.:	BF121924
Lab Sample ID:	P5343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
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
BF140929.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.6	U	57.6	200	250	ug/Kg
85-01-8	Phenanthrene	210		62.6	96.9	130	ug/Kg
120-12-7	Anthracene	62.9	U	62.9	96.9	130	ug/Kg
86-74-8	Carbazole	59.9	U	59.9	96.9	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.8	U	62.8	96.9	130	ug/Kg
206-44-0	Fluoranthene	360		60.9	96.9	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	340		61.9	96.9	130	ug/Kg
85-68-7	Butylbenzylphthalate	72.2	U	72.2	96.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73.5	U	73.5	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	240		60.2	96.9	130	ug/Kg
218-01-9	Chrysene	220		59.3	96.9	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.8	U	67.8	96.9	130	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		60.4	96.9	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	80.8	J	61.6	96.9	130	ug/Kg
50-32-8	Benzo(a)pyrene	240		69.3	96.9	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		58.2	96.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60.5	U	60.5	96.9	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150		59.7	96.9	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.7	U	64.7	96.9	130	ug/Kg
123-91-1	1,4-Dioxane	82	U	82	96.9	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.7	U	55.7	96.9	130	ug/Kg
90-12-0	1-Methylnaphthalene	62	U	62	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.893		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.648		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	80.912		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	91.205		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210	SDG No.:	BF121924
Lab Sample ID:	P5343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
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
BF140929.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.174		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	62.582		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58690	6.845				
1146-65-2	Naphthalene-d8	234839	8.128				
15067-26-2	Acenaphthene-d10	104304	9.881				
1517-22-2	Phenanthrene-d10	191598	11.375				
1719-03-5	Chrysene-d12	139633	14.022				
1520-96-3	Perylene-d12	147350	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			10.598	
000057-10-3	n-Hexadecanoic acid	280	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	72.1	J			11.986	
003674-66-6	Phenanthrene, 2,5-dimethyl-	72.5	J			12.428	
002381-21-7	Pyrene, 1-methyl-	51.9	J			13.039	
000243-17-4	11H-Benzo[b]fluorene	72.8	J			13.145	
003442-78-2	Pyrene, 2-methyl-	51.9	J			13.257	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	82.2	J			13.775	
018835-33-1	1-Hexacosene	110	J			13.845	
	unknown14.769	67.3	J			14.769	
000192-97-2	Benzo[e]pyrene	56.6	J			15.192	
000198-55-0	Perylene	200	J			15.386	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MS	SDG No.:	BF121924
Lab Sample ID:	P5343-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140930.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		64.7	200	250	ug/Kg
110-86-1	Pyridine	1200		59.6	96.9	130	ug/Kg
100-52-7	Benzaldehyde	410		140	200	250	ug/Kg
62-53-3	Aniline	780		72.2	96.9	130	ug/Kg
108-95-2	Phenol	1300		61.8	96.9	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		62.4	96.9	130	ug/Kg
95-57-8	2-Chlorophenol	1400		62.3	96.9	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		63.1	96.9	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		64.1	96.9	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		64.5	96.9	130	ug/Kg
100-51-6	Benzyl Alcohol	1400		61.9	200	250	ug/Kg
95-48-7	2-Methylphenol	1400		60.1	96.9	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		67.8	96.9	130	ug/Kg
98-86-2	Acetophenone	1300		64.8	96.9	130	ug/Kg
65794-96-9	3+4-Methylphenols	1200		59.5	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		30	59.6	59.6	ug/Kg
67-72-1	Hexachloroethane	1100		61.9	96.9	130	ug/Kg
98-95-3	Nitrobenzene	1200		67.7	96.9	130	ug/Kg
78-59-1	Isophorone	1300		63.1	96.9	130	ug/Kg
88-75-5	2-Nitrophenol	1300		70.5	96.9	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		69.5	96.9	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		64	96.9	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		56.3	96.9	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		63.7	96.9	130	ug/Kg
65-85-0	Benzoic acid	980		180	200	250	ug/Kg
91-20-3	Naphthalene	1200		61.6	96.9	130	ug/Kg
106-47-8	4-Chloroaniline	440		61.6	96.9	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		62.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MS	SDG No.:	BF121924
Lab Sample ID:	P5343-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140930.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		64.7	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		57.8	96.9	130	ug/Kg
91-57-6	2-Methylnaphthalene	1300		61.5	96.9	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		53.2	96.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		55.2	96.9	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		65.2	96.9	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		62.1	96.9	130	ug/Kg
88-74-4	2-Nitroaniline	1200		70.8	96.9	130	ug/Kg
131-11-3	Dimethylphthalate	1300		60.9	96.9	130	ug/Kg
208-96-8	Acenaphthylene	1400		64.5	96.9	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		62	96.9	130	ug/Kg
99-09-2	3-Nitroaniline	710		66.5	96.9	130	ug/Kg
83-32-9	Acenaphthene	1300		60.5	96.9	130	ug/Kg
Total PAH	Total PAH	21500		987.9	96.9	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	1600		86.5	200	250	ug/Kg
132-64-9	Dibenzofuran	1200		62.9	96.9	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		126.3	96.9	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		64.3	96.9	130	ug/Kg
84-66-2	Diethylphthalate	1200		59.7	96.9	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		63.8	96.9	130	ug/Kg
86-73-7	Fluorene	1100		63.7	96.9	130	ug/Kg
100-01-6	4-Nitroaniline	1000		79.8	96.9	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		87.2	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		60.8	96.9	130	ug/Kg
103-33-3	Azobenzene	1300		59.3	96.9	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		58.8	96.9	130	ug/Kg
118-74-1	Hexachlorobenzene	1400		63.4	96.9	130	ug/Kg
1912-24-9	Atrazine	1700		68.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MS	SDG No.:	BF121924
Lab Sample ID:	P5343-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140930.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	57.6	200	250	ug/Kg
85-01-8	Phenanthrene	1500		62.6	96.9	130	ug/Kg
120-12-7	Anthracene	1400		62.9	96.9	130	ug/Kg
86-74-8	Carbazole	1300		59.9	96.9	130	ug/Kg
84-74-2	Di-n-butylphthalate	1400		62.8	96.9	130	ug/Kg
206-44-0	Fluoranthene	1400		60.9	96.9	130	ug/Kg
92-87-5	Benzidine	830		120	200	250	ug/Kg
129-00-0	Pyrene	1400		61.9	96.9	130	ug/Kg
85-68-7	Butylbenzylphthalate	1200		72.2	96.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690		73.5	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	1400		60.2	96.9	130	ug/Kg
218-01-9	Chrysene	1400		59.3	96.9	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		67.8	96.9	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		82	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		60.5	96.9	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		61.6	96.9	130	ug/Kg
50-32-8	Benzo(a)pyrene	1500		69.3	96.9	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		58.2	96.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		60.5	96.9	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		59.7	96.9	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		64.7	96.9	130	ug/Kg
123-91-1	1,4-Dioxane	1100		82	96.9	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		55.7	96.9	130	ug/Kg
90-12-0	1-Methylnaphthalene	1200		62	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.772		18-112		75	SPK: -150
13127-88-3	Phenol-d6	111.029		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	70.757		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	63.175		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MS	SDG No.:	BF121924
Lab Sample ID:	P5343-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140930.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.359		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	51.875		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57459	6.845				
1146-65-2	Naphthalene-d8	198277	8.128				
15067-26-2	Acenaphthene-d10	126175	9.886				
1517-22-2	Phenanthrene-d10	196663	11.375				
1719-03-5	Chrysene-d12	132383	14.027				
1520-96-3	Perylene-d12	144485	15.515				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MSD	SDG No.:	BF121924
Lab Sample ID:	P5343-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140931.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		64.8	200	250	ug/Kg
110-86-1	Pyridine	1100		59.6	97	130	ug/Kg
100-52-7	Benzaldehyde	370		140	200	250	ug/Kg
62-53-3	Aniline	740		72.3	97	130	ug/Kg
108-95-2	Phenol	1300		61.9	97	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		62.5	97	130	ug/Kg
95-57-8	2-Chlorophenol	1300		62.3	97	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		63.1	97	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		64.2	97	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		64.5	97	130	ug/Kg
100-51-6	Benzyl Alcohol	1400		61.9	200	250	ug/Kg
95-48-7	2-Methylphenol	1300		60.1	97	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		67.8	97	130	ug/Kg
98-86-2	Acetophenone	1300		64.8	97	130	ug/Kg
65794-96-9	3+4-Methylphenols	1300		59.5	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		30.1	59.7	59.7	ug/Kg
67-72-1	Hexachloroethane	1300		61.9	97	130	ug/Kg
98-95-3	Nitrobenzene	1200		67.7	97	130	ug/Kg
78-59-1	Isophorone	1300		63.1	97	130	ug/Kg
88-75-5	2-Nitrophenol	1300		70.5	97	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		69.5	97	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		64	97	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		56.3	97	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		63.7	97	130	ug/Kg
65-85-0	Benzoic acid	990		180	200	250	ug/Kg
91-20-3	Naphthalene	1300		61.6	97	130	ug/Kg
106-47-8	4-Chloroaniline	450		61.6	97	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		62.2	97	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MSD	SDG No.:	BF121924
Lab Sample ID:	P5343-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.01 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
BF140931.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		64.8	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		57.8	97	130	ug/Kg
91-57-6	2-Methylnaphthalene	1300		61.6	97	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53.3	97	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		55.2	97	130	ug/Kg
92-52-4	1,1-Biphenyl	1400		65.2	97	130	ug/Kg
91-58-7	2-Chloronaphthalene	1300		62.2	97	130	ug/Kg
88-74-4	2-Nitroaniline	1300		70.9	97	130	ug/Kg
131-11-3	Dimethylphthalate	1300		61	97	130	ug/Kg
208-96-8	Acenaphthylene	1400		64.5	97	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		62.1	97	130	ug/Kg
99-09-2	3-Nitroaniline	720		66.6	97	130	ug/Kg
83-32-9	Acenaphthene	1300		60.5	97	130	ug/Kg
Total PAH	Total PAH	22100		988.7	97	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	1400		86.5	200	250	ug/Kg
132-64-9	Dibenzofuran	1300		63	97	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		126.4	97	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		64.3	97	130	ug/Kg
84-66-2	Diethylphthalate	1300		59.8	97	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		63.9	97	130	ug/Kg
86-73-7	Fluorene	1200		63.8	97	130	ug/Kg
100-01-6	4-Nitroaniline	1000		79.8	97	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		87.3	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		60.9	97	130	ug/Kg
103-33-3	Azobenzene	1300		59.4	97	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		58.9	97	130	ug/Kg
118-74-1	Hexachlorobenzene	1400		63.4	97	130	ug/Kg
1912-24-9	Atrazine	1700		68.2	97	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MSD	SDG No.:	BF121924
Lab Sample ID:	P5343-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140931.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000		57.7	200	250	ug/Kg
85-01-8	Phenanthrene	1600		62.7	97	130	ug/Kg
120-12-7	Anthracene	1500		63	97	130	ug/Kg
86-74-8	Carbazole	1200		59.9	97	130	ug/Kg
84-74-2	Di-n-butylphthalate	1300		62.9	97	130	ug/Kg
206-44-0	Fluoranthene	1400		61	97	130	ug/Kg
92-87-5	Benzidine	1100		120	200	250	ug/Kg
129-00-0	Pyrene	1500		61.9	97	130	ug/Kg
85-68-7	Butylbenzylphthalate	1100		72.2	97	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		73.6	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	1500		60.2	97	130	ug/Kg
218-01-9	Chrysene	1400		59.3	97	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		67.9	97	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		82.1	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		60.5	97	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		61.6	97	130	ug/Kg
50-32-8	Benzo(a)pyrene	1600		69.4	97	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		58.3	97	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		60.6	97	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		59.8	97	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		64.8	97	130	ug/Kg
123-91-1	1,4-Dioxane	1100		82.1	97	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		55.7	97	130	ug/Kg
90-12-0	1-Methylnaphthalene	1200		62.1	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.21		18-112		71	SPK: -150
13127-88-3	Phenol-d6	106.076		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	71.967		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	72.513		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ210MSD	SDG No.:	BF121924
Lab Sample ID:	P5343-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.6
Sample Wt/Vol:	50.01 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
BF140931.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.165		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	55.327		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52636	6.846				
1146-65-2	Naphthalene-d8	206485	8.128				
15067-26-2	Acenaphthene-d10	112703	9.886				
1517-22-2	Phenanthrene-d10	169814	11.375				
1719-03-5	Chrysene-d12	117074	14.033				
1520-96-3	Perylene-d12	131273	15.539				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ281	SDG No.:	BF121924
Lab Sample ID:	P5343-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140932.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.1	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	58	90.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.6	U	58.6	90.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.6	U	59.6	90.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.1	120	ug/Kg
100-51-6	Benzyl Alcohol	57.5	U	57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	90.1	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.3	U	55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.4	55.4	ug/Kg
67-72-1	Hexachloroethane	57.5	U	57.5	90.1	120	ug/Kg
98-95-3	Nitrobenzene	62.9	U	62.9	90.1	120	ug/Kg
78-59-1	Isophorone	58.6	U	58.6	90.1	120	ug/Kg
88-75-5	2-Nitrophenol	65.5	U	65.5	90.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.6	U	64.6	90.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.3	U	52.3	90.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.2	U	59.2	90.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.2	U	57.2	90.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.2	U	57.2	90.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.7	U	57.7	90.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ281	SDG No.:	BF121924
Lab Sample ID:	P5343-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140932.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	90.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.1	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.7	U	57.7	90.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.8	U	65.8	90.1	120	ug/Kg
131-11-3	Dimethylphthalate	56.6	U	56.6	90.1	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.8	U	61.8	90.1	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	90.1	120	ug/Kg
Total PAH	Total PAH	1867.5	U	918.3	90.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.4	U	80.4	190	230	ug/Kg
132-64-9	Dibenzofuran	58.5	U	58.5	90.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.7	U	59.7	90.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.4	U	117.4	90.1	240	ug/Kg
84-66-2	Diethylphthalate	55.5	U	55.5	90.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	90.1	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.1	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.1	U	81.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.1	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.9	U	58.9	90.1	120	ug/Kg
1912-24-9	Atrazine	63.3	U	63.3	90.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ281	SDG No.:	BF121924
Lab Sample ID:	P5343-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140932.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	250		58.2	90.1	120	ug/Kg
120-12-7	Anthracene	58.5	U	58.5	90.1	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.4	U	58.4	90.1	120	ug/Kg
206-44-0	Fluoranthene	380		56.6	90.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	250		57.5	90.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.1	U	67.1	90.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.3	U	68.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	150		55.9	90.1	120	ug/Kg
218-01-9	Chrysene	180		55.1	90.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.2	U	76.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		56.2	90.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	76.2	J	57.2	90.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	170		64.5	90.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.3	J	54.1	90.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	55.5	90.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.1	120	ug/Kg
123-91-1	1,4-Dioxane	76.2	U	76.2	90.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.774		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.057		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	50.477		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	61.369		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	VNJ281	SDG No.:	BF121924
Lab Sample ID:	P5343-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140932.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.919		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	42.105		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61957	6.845				
1146-65-2	Naphthalene-d8	218114	8.128				
15067-26-2	Acenaphthene-d10	103558	9.881				
1517-22-2	Phenanthrene-d10	137310	11.375				
1719-03-5	Chrysene-d12	131870	14.033				
1520-96-3	Perylene-d12	133263	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			10.592	
000057-10-3	n-Hexadecanoic acid	240	J			11.892	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	100	J			11.986	
	unknown12.680	51.1	J			12.68	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	55.9	J			13.78	
1010351-87-0	Heptadecyl trifluoroacetate	80.2	J			13.851	
010192-32-2	1-Tetracosene	130	J			14.51	
018435-45-5	1-Nonadecene	350	J			15.18	
000192-97-2	Benzo[e]pyrene	110	J			15.416	
001560-98-1	Octacosane, 2-methyl-	59.8	J			15.957	
000295-48-7	Cyclopentadecane	110	J			16.033	
	unknown16.221	86.9	J			16.221	
	unknown16.421	47.6	J			16.421	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF121924
Lab Sample ID:	P5330-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140933.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.4	U	54.4	170	210	ug/Kg
110-86-1	Pyridine	50.1	U	50.1	81.5	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.7	U	60.7	81.5	110	ug/Kg
108-95-2	Phenol	52	U	52	81.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.5	U	52.5	81.5	110	ug/Kg
95-57-8	2-Chlorophenol	52.3	U	52.3	81.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53	U	53	81.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.9	U	53.9	81.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.2	U	54.2	81.5	110	ug/Kg
100-51-6	Benzyl Alcohol	52	U	52	170	210	ug/Kg
95-48-7	2-Methylphenol	50.5	U	50.5	81.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	81.5	110	ug/Kg
98-86-2	Acetophenone	54.5	U	54.5	81.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	50	U	50	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.3	U	25.3	50.1	50.1	ug/Kg
67-72-1	Hexachloroethane	52	U	52	81.5	110	ug/Kg
98-95-3	Nitrobenzene	56.9	U	56.9	81.5	110	ug/Kg
78-59-1	Isophorone	53	U	53	81.5	110	ug/Kg
88-75-5	2-Nitrophenol	59.2	U	59.2	81.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.4	U	58.4	81.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.8	U	53.8	81.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.3	U	47.3	81.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.5	U	53.5	81.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.8	U	51.8	81.5	110	ug/Kg
106-47-8	4-Chloroaniline	51.8	U	51.8	81.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.2	U	52.2	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF121924
Lab Sample ID:	P5330-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140933.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.4	U	54.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.6	U	48.6	81.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.7	U	51.7	81.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.8	U	97.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.8	U	44.8	81.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.4	U	46.4	81.5	110	ug/Kg
92-52-4	1,1-Biphenyl	54.8	U	54.8	81.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.2	U	52.2	81.5	110	ug/Kg
88-74-4	2-Nitroaniline	59.6	U	59.6	81.5	110	ug/Kg
131-11-3	Dimethylphthalate	51.2	U	51.2	81.5	110	ug/Kg
208-96-8	Acenaphthylene	54.2	U	54.2	81.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.2	U	52.2	81.5	110	ug/Kg
99-09-2	3-Nitroaniline	55.9	U	55.9	81.5	110	ug/Kg
83-32-9	Acenaphthene	50.8	U	50.8	81.5	110	ug/Kg
Total PAH	Total PAH	830.6	U	830.6	81.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.7	U	72.7	170	210	ug/Kg
132-64-9	Dibenzofuran	52.9	U	52.9	81.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.2	U	106.2	81.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	81.5	110	ug/Kg
84-66-2	Diethylphthalate	50.2	U	50.2	81.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.7	U	53.7	81.5	110	ug/Kg
86-73-7	Fluorene	53.6	U	53.6	81.5	110	ug/Kg
100-01-6	4-Nitroaniline	67.1	U	67.1	81.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.3	U	73.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.2	U	51.2	81.5	110	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	81.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.5	U	49.5	81.5	110	ug/Kg
118-74-1	Hexachlorobenzene	53.3	U	53.3	81.5	110	ug/Kg
1912-24-9	Atrazine	57.3	U	57.3	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF121924
Lab Sample ID:	P5330-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140933.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.5	U	48.5	170	210	ug/Kg
85-01-8	Phenanthrene	52.7	U	52.7	81.5	110	ug/Kg
120-12-7	Anthracene	52.9	U	52.9	81.5	110	ug/Kg
86-74-8	Carbazole	50.3	U	50.3	81.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.8	U	52.8	81.5	110	ug/Kg
206-44-0	Fluoranthene	51.2	U	51.2	81.5	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52	U	52	81.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.7	U	60.7	81.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.8	U	61.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.6	U	50.6	81.5	110	ug/Kg
218-01-9	Chrysene	49.8	U	49.8	81.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	81.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.8	U	50.8	81.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.8	U	51.8	81.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.3	U	58.3	81.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	81.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.9	U	50.9	81.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.2	U	50.2	81.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.4	U	54.4	81.5	110	ug/Kg
123-91-1	1,4-Dioxane	69	U	69	81.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.8	U	46.8	81.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.2	U	52.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.992		18-112		46	SPK: -150
13127-88-3	Phenol-d6	73.439		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	54.767		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	63.82		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF121924
Lab Sample ID:	P5330-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140933.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.165		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	55.39		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45526	6.851				
1146-65-2	Naphthalene-d8	155664	8.128				
15067-26-2	Acenaphthene-d10	71881	9.88				
1517-22-2	Phenanthrene-d10	125543	11.374				
1719-03-5	Chrysene-d12	119080	14.033				
1520-96-3	Perylene-d12	91529	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			10.592	
000057-10-3	n-Hexadecanoic acid	110	J			11.892	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	51.8	J			12.822	
1000351-83-4	Tricosyl heptafluorobutyrate	94.9	J			13.851	

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SOIL-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140934.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.3	U	59.3	180	230	ug/Kg
110-86-1	Pyridine	54.6	U	54.6	88.8	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.2	U	66.2	88.8	120	ug/Kg
108-95-2	Phenol	56.6	U	56.6	88.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.2	U	57.2	88.8	120	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	88.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.8	U	57.8	88.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.7	U	58.7	88.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.1	U	59.1	88.8	120	ug/Kg
100-51-6	Benzyl Alcohol	56.7	U	56.7	180	230	ug/Kg
95-48-7	2-Methylphenol	55	U	55	88.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.1	U	62.1	88.8	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.5	U	54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.7	U	56.7	88.8	120	ug/Kg
98-95-3	Nitrobenzene	62	U	62	88.8	120	ug/Kg
78-59-1	Isophorone	57.8	U	57.8	88.8	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.6	U	63.6	88.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.6	U	58.6	88.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.6	U	51.6	88.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.3	U	58.3	88.8	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.4	U	56.4	88.8	120	ug/Kg
106-47-8	4-Chloroaniline	56.4	U	56.4	88.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.9	U	56.9	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SOIL-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140934.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.3	U	59.3	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.9	U	52.9	88.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.3	U	56.3	88.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.8	U	48.8	88.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.8	120	ug/Kg
92-52-4	1,1-Biphenyl	59.7	U	59.7	88.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.9	U	56.9	88.8	120	ug/Kg
88-74-4	2-Nitroaniline	64.9	U	64.9	88.8	120	ug/Kg
131-11-3	Dimethylphthalate	55.8	U	55.8	88.8	120	ug/Kg
208-96-8	Acenaphthylene	59.1	U	59.1	88.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.8	U	56.8	88.8	120	ug/Kg
99-09-2	3-Nitroaniline	60.9	U	60.9	88.8	120	ug/Kg
83-32-9	Acenaphthene	55.4	U	55.4	88.8	120	ug/Kg
Total PAH	Total PAH	904.9	U	904.9	88.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.2	U	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	57.6	U	57.6	88.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.9	U	58.9	88.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.7	U	115.7	88.8	240	ug/Kg
84-66-2	Diethylphthalate	54.7	U	54.7	88.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.4	U	58.4	88.8	120	ug/Kg
86-73-7	Fluorene	58.4	U	58.4	88.8	120	ug/Kg
100-01-6	4-Nitroaniline	73.1	U	73.1	88.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.9	U	79.9	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.7	U	55.7	88.8	120	ug/Kg
103-33-3	Azobenzene	54.4	U	54.4	88.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.9	U	53.9	88.8	120	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	88.8	120	ug/Kg
1912-24-9	Atrazine	62.4	U	62.4	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SOIL-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140934.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.8	U	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	57.4	U	57.4	88.8	120	ug/Kg
120-12-7	Anthracene	57.6	U	57.6	88.8	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.6	U	57.6	88.8	120	ug/Kg
206-44-0	Fluoranthene	55.8	U	55.8	88.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.7	U	56.7	88.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.1	U	66.1	88.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.3	U	67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.1	U	55.1	88.8	120	ug/Kg
218-01-9	Chrysene	54.3	U	54.3	88.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.1	U	62.1	88.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.1	U	75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.4	U	55.4	88.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.4	U	56.4	88.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.5	U	63.5	88.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.4	U	55.4	88.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.7	U	54.7	88.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.3	U	59.3	88.8	120	ug/Kg
123-91-1	1,4-Dioxane	75.1	U	75.1	88.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	88.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.8	U	56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.979		18-112		49	SPK: -150
13127-88-3	Phenol-d6	78.705		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	59.101		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	60.274		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SOIL-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140934.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	42.956		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	43.256		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47206	6.851				
1146-65-2	Naphthalene-d8	164775	8.128				
15067-26-2	Acenaphthene-d10	82178	9.881				
1517-22-2	Phenanthrene-d10	124733	11.375				
1719-03-5	Chrysene-d12	132956	14.027				
1520-96-3	Perylene-d12	101662	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	98.6	A			5.069	
000629-50-5	Tridecane	98.8	J			8.704	
000629-59-4	Tetradecane	100	J			9.269	
003891-99-4	2,6,10-Trimethyltridecane	89.7	J			9.586	
000629-62-9	Pentadecane	140	J			9.798	
000629-78-7	Heptadecane	150	J			10.298	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	91.3	J			10.516	
000119-61-9	Benzophenone	150	J			10.592	
035599-77-0	Tridecane, 1-iodo-	180	J			10.775	
000629-92-5	Nonadecane	120	J			11.222	
000629-94-7	Heneicosane	100	J			11.645	
000629-97-0	Docosane	110	J			12.051	
000593-45-3	Octadecane	100	J			12.439	
000544-76-3	Hexadecane	91.5	J			12.816	
005333-42-6	1-Dodecanol, 2-octyl-	170	J			13.845	
013287-24-6	Nonadecane, 9-methyl-	110	J			14.474	
1000406-32-4	Dotriacontane, 1-iodo-	1200	J			15.121	
000646-31-1	Tetracosane	380	J			15.933	
1000210-86-9	17-(1,5-Dimethylhexyl)-10,13-dimet	630	J			17.586	

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	SOIL-VNJ-222	SDG No.:	BF121924
Lab Sample ID:	P5312-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140934.D	1	12/18/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000559-70-6	.beta.-Amyrin	260	J			18.021	

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MS	SDG No.:	BF121924
Lab Sample ID:	P5301-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140935.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	950		58.2	180	220	ug/Kg
110-86-1	Pyridine	870		53.5	87.1	110	ug/Kg
100-52-7	Benzaldehyde	290		120	180	220	ug/Kg
62-53-3	Aniline	460		64.9	87.1	110	ug/Kg
108-95-2	Phenol	930		55.6	87.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.1	87.1	110	ug/Kg
95-57-8	2-Chlorophenol	940		56	87.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	900		56.7	87.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	890		57.6	87.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		58	87.1	110	ug/Kg
100-51-6	Benzyl Alcohol	950		55.6	180	220	ug/Kg
95-48-7	2-Methylphenol	890		54	87.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		60.9	87.1	110	ug/Kg
98-86-2	Acetophenone	1100		58.2	87.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	910		27	53.6	53.6	ug/Kg
67-72-1	Hexachloroethane	860		55.6	87.1	110	ug/Kg
98-95-3	Nitrobenzene	940		60.9	87.1	110	ug/Kg
78-59-1	Isophorone	990		56.7	87.1	110	ug/Kg
88-75-5	2-Nitrophenol	990		63.3	87.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		62.5	87.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	990		57.5	87.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	940		50.6	87.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	900		57.2	87.1	110	ug/Kg
65-85-0	Benzoic acid	700		160	180	220	ug/Kg
91-20-3	Naphthalene	930		55.4	87.1	110	ug/Kg
106-47-8	4-Chloroaniline	360		55.4	87.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	900		55.8	87.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MS	SDG No.:	BF121924
Lab Sample ID:	P5301-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140935.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	860		58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	790		51.9	87.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	870		55.3	87.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		47.9	87.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		49.6	87.1	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		58.6	87.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	960		55.8	87.1	110	ug/Kg
88-74-4	2-Nitroaniline	970		63.7	87.1	110	ug/Kg
131-11-3	Dimethylphthalate	1000		54.8	87.1	110	ug/Kg
208-96-8	Acenaphthylene	1000		58	87.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		55.8	87.1	110	ug/Kg
99-09-2	3-Nitroaniline	690		59.8	87.1	110	ug/Kg
83-32-9	Acenaphthene	990		54.4	87.1	110	ug/Kg
Total PAH	Total PAH	17350		888.3	87.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	690		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1600		77.7	180	220	ug/Kg
132-64-9	Dibenzofuran	940		56.6	87.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	780		113.6	87.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		57.8	87.1	110	ug/Kg
84-66-2	Diethylphthalate	920		53.7	87.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890		57.4	87.1	110	ug/Kg
86-73-7	Fluorene	930		57.3	87.1	110	ug/Kg
100-01-6	4-Nitroaniline	720		71.7	87.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400		78.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		54.7	87.1	110	ug/Kg
103-33-3	Azobenzene	930		53.3	87.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	910		52.9	87.1	110	ug/Kg
118-74-1	Hexachlorobenzene	930		57	87.1	110	ug/Kg
1912-24-9	Atrazine	1200		61.3	87.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MS	SDG No.:	BF121924
Lab Sample ID:	P5301-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140935.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	51.8	180	220	ug/Kg
85-01-8	Phenanthrene	1200		56.3	87.1	110	ug/Kg
120-12-7	Anthracene	1100		56.6	87.1	110	ug/Kg
86-74-8	Carbazole	990		53.8	87.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		56.5	87.1	110	ug/Kg
206-44-0	Fluoranthene	1300		54.8	87.1	110	ug/Kg
92-87-5	Benzidine	470		110	180	220	ug/Kg
129-00-0	Pyrene	1300		55.6	87.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		64.9	87.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690		66.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.1	87.1	110	ug/Kg
218-01-9	Chrysene	1100		53.3	87.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		61	87.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		73.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		54.4	87.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		55.4	87.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.3	87.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		52.3	87.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		54.4	87.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		53.7	87.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.2	87.1	110	ug/Kg
123-91-1	1,4-Dioxane	800		73.7	87.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		50.1	87.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	800		55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.369		18-112		63	SPK: -150
13127-88-3	Phenol-d6	89.693		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	67.085		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	64.752		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MS	SDG No.:	BF121924
Lab Sample ID:	P5301-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140935.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.93		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	57.581		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59192	6.851				
1146-65-2	Naphthalene-d8	196105	8.128				
15067-26-2	Acenaphthene-d10	89823	9.886				
1517-22-2	Phenanthrene-d10	167636	11.38				
1719-03-5	Chrysene-d12	122820	14.033				
1520-96-3	Perylene-d12	99558	15.539				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MSD	SDG No.:	BF121924
Lab Sample ID:	P5301-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140936.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	940		58.2	180	220	ug/Kg
110-86-1	Pyridine	890		53.6	87.2	110	ug/Kg
100-52-7	Benzaldehyde	310		120	180	220	ug/Kg
62-53-3	Aniline	500		65	87.2	110	ug/Kg
108-95-2	Phenol	930		55.6	87.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.2	87.2	110	ug/Kg
95-57-8	2-Chlorophenol	940		56	87.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	890		56.8	87.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	900		57.7	87.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		58	87.2	110	ug/Kg
100-51-6	Benzyl Alcohol	940		55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	880		54.1	87.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940		61	87.2	110	ug/Kg
98-86-2	Acetophenone	1100		58.3	87.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	880		53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	910		27	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	810		55.7	87.2	110	ug/Kg
98-95-3	Nitrobenzene	940		60.9	87.2	110	ug/Kg
78-59-1	Isophorone	1000		56.8	87.2	110	ug/Kg
88-75-5	2-Nitrophenol	1000		63.4	87.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		62.5	87.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		57.6	87.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	950		50.7	87.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	910		57.3	87.2	110	ug/Kg
65-85-0	Benzoic acid	700		160	180	220	ug/Kg
91-20-3	Naphthalene	950		55.4	87.2	110	ug/Kg
106-47-8	4-Chloroaniline	440		55.4	87.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	930		55.9	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MSD	SDG No.:	BF121924
Lab Sample ID:	P5301-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140936.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	920		58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	820		52	87.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	910		55.3	87.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	900		47.9	87.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	850		49.6	87.2	110	ug/Kg
92-52-4	1,1-Biphenyl	910		58.6	87.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	870		55.9	87.2	110	ug/Kg
88-74-4	2-Nitroaniline	920		63.7	87.2	110	ug/Kg
131-11-3	Dimethylphthalate	910		54.8	87.2	110	ug/Kg
208-96-8	Acenaphthylene	980		58	87.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		55.8	87.2	110	ug/Kg
99-09-2	3-Nitroaniline	780		59.8	87.2	110	ug/Kg
83-32-9	Acenaphthene	950		54.4	87.2	110	ug/Kg
Total PAH	Total PAH	16660		888.9	87.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	390		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1700		77.8	180	220	ug/Kg
132-64-9	Dibenzofuran	910		56.6	87.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	680		113.6	87.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	850		57.8	87.2	110	ug/Kg
84-66-2	Diethylphthalate	890		53.7	87.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	850		57.4	87.2	110	ug/Kg
86-73-7	Fluorene	890		57.4	87.2	110	ug/Kg
100-01-6	4-Nitroaniline	790		71.8	87.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	J	78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		54.7	87.2	110	ug/Kg
103-33-3	Azobenzene	950		53.4	87.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	880		52.9	87.2	110	ug/Kg
118-74-1	Hexachlorobenzene	880		57	87.2	110	ug/Kg
1912-24-9	Atrazine	1200		61.3	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MSD	SDG No.:	BF121924
Lab Sample ID:	P5301-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140936.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	1200		56.4	87.2	110	ug/Kg
120-12-7	Anthracene	1000		56.6	87.2	110	ug/Kg
86-74-8	Carbazole	990		53.9	87.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	980		56.6	87.2	110	ug/Kg
206-44-0	Fluoranthene	1300		54.8	87.2	110	ug/Kg
92-87-5	Benzidine	690		110	180	220	ug/Kg
129-00-0	Pyrene	1200		55.7	87.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		64.9	87.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		66.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.1	87.2	110	ug/Kg
218-01-9	Chrysene	1100		53.3	87.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		61	87.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		54.4	87.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		55.4	87.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.4	87.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.4	87.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		54.5	87.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	940		53.7	87.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	910		58.2	87.2	110	ug/Kg
123-91-1	1,4-Dioxane	830		73.8	87.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		50.1	87.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	850		55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.712		18-112		64	SPK: -150
13127-88-3	Phenol-d6	89.258		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	68.279		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	56.687		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	HR-04-121624MSD	SDG No.:	BF121924
Lab Sample ID:	P5301-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140936.D	1	12/17/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.481		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	56.296		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57597	6.851				
1146-65-2	Naphthalene-d8	185758	8.128				
15067-26-2	Acenaphthene-d10	104796	9.886				
1517-22-2	Phenanthrene-d10	196965	11.38				
1719-03-5	Chrysene-d12	126111	14.039				
1520-96-3	Perylene-d12	110928	15.539				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TR-06-12182024	SDG No.:	BF121924
Lab Sample ID:	P5339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF140937.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.2	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.1	U	58.1	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	57.6	U	57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.1	U	63.1	90.2	120	ug/Kg
98-86-2	Acetophenone	60.3	U	60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.4	U	55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.6	U	57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	63	U	63	90.2	120	ug/Kg
78-59-1	Isophorone	58.7	U	58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.3	U	59.3	90.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TR-06-12182024	SDG No.:	BF121924
Lab Sample ID:	P5339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF140937.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.8	U	53.8	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.9	U	65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	62.1	J	60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.9	U	61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	90.2	120	ug/Kg
Total PAH	Total PAH	3352.2	U	919.5	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.5	U	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	58.6	U	58.6	90.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.5	U	117.5	90.2	240	ug/Kg
84-66-2	Diethylphthalate	55.6	U	55.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	90.2	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.2	U	81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90.2	120	ug/Kg
1912-24-9	Atrazine	63.4	U	63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TR-06-12182024	SDG No.:	BF121924
Lab Sample ID:	P5339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF140937.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	250		58.3	90.2	120	ug/Kg
120-12-7	Anthracene	80.1	J	58.6	90.2	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.5	U	58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	670		56.7	90.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	500		57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.2	U	67.2	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.4	U	68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	310		56	90.2	120	ug/Kg
218-01-9	Chrysene	300		55.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.3	U	76.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		56.3	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	160		57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	340		64.5	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160		54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180		55.6	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	76.3	U	76.3	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.562		18-112		81	SPK: -150
13127-88-3	Phenol-d6	108.186		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.852		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	68.717		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	TR-06-12182024	SDG No.:	BF121924
Lab Sample ID:	P5339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF140937.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.291		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	59.413		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46390	6.851				
1146-65-2	Naphthalene-d8	142052	8.128				
15067-26-2	Acenaphthene-d10	74068	9.886				
1517-22-2	Phenanthrene-d10	121166	11.374				
1719-03-5	Chrysene-d12	102279	14.033				
1520-96-3	Perylene-d12	77761	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			10.598	
002531-84-2	Phenanthrene, 2-methyl-	260	J			11.904	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			11.992	
001576-67-6	Phenanthrene, 3,6-dimethyl-	81.9	J			12.427	
005737-13-3	Cyclopenta(def)phenanthrenone	53.4	J			12.527	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	CHRT26634	SDG No.:	BF121924
Lab Sample ID:	P5342-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140938.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	73.9	U	73.9	230	280	ug/Kg
110-86-1	Pyridine	68.1	U	68.1	110	140	ug/Kg
100-52-7	Benzaldehyde	160	U	160	230	280	ug/Kg
62-53-3	Aniline	82.6	U	82.6	110	140	ug/Kg
108-95-2	Phenol	70.6	U	70.6	110	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	71.3	U	71.3	110	140	ug/Kg
95-57-8	2-Chlorophenol	71.1	U	71.1	110	140	ug/Kg
95-50-1	1,2-Dichlorobenzene	72.1	U	72.1	110	140	ug/Kg
541-73-1	1,3-Dichlorobenzene	73.3	U	73.3	110	140	ug/Kg
106-46-7	1,4-Dichlorobenzene	73.7	U	73.7	110	140	ug/Kg
100-51-6	Benzyl Alcohol	70.7	U	70.7	230	280	ug/Kg
95-48-7	2-Methylphenol	68.7	U	68.7	110	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77.4	U	77.4	110	140	ug/Kg
98-86-2	Acetophenone	74	U	74	110	140	ug/Kg
65794-96-9	3+4-Methylphenols	68	U	68	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	34.3	U	34.3	68.2	68.2	ug/Kg
67-72-1	Hexachloroethane	70.7	U	70.7	110	140	ug/Kg
98-95-3	Nitrobenzene	77.4	U	77.4	110	140	ug/Kg
78-59-1	Isophorone	72.1	U	72.1	110	140	ug/Kg
88-75-5	2-Nitrophenol	80.5	U	80.5	110	140	ug/Kg
105-67-9	2,4-Dimethylphenol	79.4	U	79.4	110	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.1	U	73.1	110	140	ug/Kg
120-83-2	2,4-Dichlorophenol	64.3	U	64.3	110	140	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	72.8	U	72.8	110	140	ug/Kg
65-85-0	Benzoic acid	200	U	200	230	280	ug/Kg
91-20-3	Naphthalene	340		70.4	110	140	ug/Kg
106-47-8	4-Chloroaniline	70.4	U	70.4	110	140	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	CHRT26634	SDG No.:	BF121924
Lab Sample ID:	P5342-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140938.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	73.9	U	73.9	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	110	140	ug/Kg
91-57-6	2-Methylnaphthalene	570		70.3	110	140	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60.8	U	60.8	110	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	110	140	ug/Kg
92-52-4	1,1-Biphenyl	220		74.5	110	140	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	110	140	ug/Kg
88-74-4	2-Nitroaniline	80.9	U	80.9	110	140	ug/Kg
131-11-3	Dimethylphthalate	69.6	U	69.6	110	140	ug/Kg
208-96-8	Acenaphthylene	73.7	U	73.7	110	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	70.9	U	70.9	110	140	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	110	140	ug/Kg
83-32-9	Acenaphthene	690		69.1	110	140	ug/Kg
Total PAH	Total PAH	16680		1128.9	110	2240	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	230	280	ug/Kg
100-02-7	4-Nitrophenol	98.8	U	98.8	230	280	ug/Kg
132-64-9	Dibenzofuran	600		71.9	110	140	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	144.3	U	144.3	110	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.4	U	73.4	110	140	ug/Kg
84-66-2	Diethylphthalate	68.2	U	68.2	110	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72.9	U	72.9	110	140	ug/Kg
86-73-7	Fluorene	72.8	U	72.8	110	140	ug/Kg
100-01-6	4-Nitroaniline	91.2	U	91.2	110	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.7	U	99.7	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	69.5	U	69.5	110	140	ug/Kg
103-33-3	Azobenzene	67.8	U	67.8	110	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.2	U	67.2	110	140	ug/Kg
118-74-1	Hexachlorobenzene	72.4	U	72.4	110	140	ug/Kg
1912-24-9	Atrazine	77.9	U	77.9	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	CHRT26634	SDG No.:	BF121924
Lab Sample ID:	P5342-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140938.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	65.9	U	65.9	230	280	ug/Kg
85-01-8	Phenanthrene	3000	E	71.6	110	140	ug/Kg
120-12-7	Anthracene	610		71.9	110	140	ug/Kg
86-74-8	Carbazole	68.4	U	68.4	110	140	ug/Kg
84-74-2	Di-n-butylphthalate	71.8	U	71.8	110	140	ug/Kg
206-44-0	Fluoranthene	3500	E	69.6	110	140	ug/Kg
92-87-5	Benzidine	140	U	140	230	280	ug/Kg
129-00-0	Pyrene	2000		70.7	110	140	ug/Kg
85-68-7	Butylbenzylphthalate	82.5	U	82.5	110	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	1100		68.8	110	140	ug/Kg
218-01-9	Chrysene	1400		67.7	110	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		77.5	110	140	ug/Kg
117-84-0	Di-n-octyl phthalate	260	J	93.7	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		69.1	110	140	ug/Kg
207-08-9	Benzo(k)fluoranthene	640		70.4	110	140	ug/Kg
50-32-8	Benzo(a)pyrene	900		79.2	110	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		66.5	110	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140		69.2	110	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		68.2	110	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73.9	U	73.9	110	140	ug/Kg
123-91-1	1,4-Dioxane	93.7	U	93.7	110	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63.6	U	63.6	110	140	ug/Kg
90-12-0	1-Methylnaphthalene	330		70.9	140	140	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.661		18-112		54	SPK: -150
13127-88-3	Phenol-d6	81.718		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	53.784		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	53.082		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	CHRT26634	SDG No.:	BF121924
Lab Sample ID:	P5342-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140938.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.594		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	45.138		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41008	6.851				
1146-65-2	Naphthalene-d8	139314	8.134				
15067-26-2	Acenaphthene-d10	70237	9.91				
1517-22-2	Phenanthrene-d10	75431	11.439				
1719-03-5	Chrysene-d12	83894	14.063				
1520-96-3	Perylene-d12	75802	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000700-56-1	2-Methyladamantane	120	J			8.069	
1000460-67-0	1,4-Dimethyladamantane (isomer 1)	140	J			8.357	
	unknown8.416	230	J			8.416	
	unknown8.510	140	J			8.51	
1000214-98-3	1,3,4-Trimethyladamantane	400	J			8.587	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	230	J			8.634	
	unknown8.751	310	J			8.751	
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	260	J			9.557	
	unknown9.604	520	J			9.604	
	unknown9.769	470	J			9.769	
	unknown9.816	570	J			9.816	
017301-81-4	Strychnidin-10-one, 2,3-dimethoxy-	570	J			14.527	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	210	J			14.663	
1010144-57-9	16-Heptadecenal	600	J			14.957	
000192-97-2	Benzo[e]pyrene	470	J			15.421	
072934-04-4	Nonacosanal	770	J			15.727	
000630-02-4	Octacosane	490	J			15.957	
000124-25-4	Tetradecanal	620	J			16.762	
000638-96-0	.alpha.-Amyrone	920	J			17.804	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	CHRT26634	SDG No.:	BF121924
Lab Sample ID:	P5342-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140938.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001617-70-5	Lup-20(29)-en-3-one	3000	J			18.157	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	RB21198	SDG No.:	BF121924
Lab Sample ID:	P5342-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140939.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	66.2	U	66.2	210	250	ug/Kg
110-86-1	Pyridine	60.9	U	60.9	99.2	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	210	250	ug/Kg
62-53-3	Aniline	73.9	U	73.9	99.2	130	ug/Kg
108-95-2	Phenol	63.2	U	63.2	99.2	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63.8	U	63.8	99.2	130	ug/Kg
95-57-8	2-Chlorophenol	63.7	U	63.7	99.2	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.5	U	64.5	99.2	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	65.6	U	65.6	99.2	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	66	U	66	99.2	130	ug/Kg
100-51-6	Benzyl Alcohol	63.3	U	63.3	210	250	ug/Kg
95-48-7	2-Methylphenol	61.5	U	61.5	99.2	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69.3	U	69.3	99.2	130	ug/Kg
98-86-2	Acetophenone	66.3	U	66.3	99.2	130	ug/Kg
65794-96-9	3+4-Methylphenols	60.9	U	60.9	210	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.7	U	30.7	61	61	ug/Kg
67-72-1	Hexachloroethane	63.3	U	63.3	99.2	130	ug/Kg
98-95-3	Nitrobenzene	69.3	U	69.3	99.2	130	ug/Kg
78-59-1	Isophorone	64.5	U	64.5	99.2	130	ug/Kg
88-75-5	2-Nitrophenol	72.1	U	72.1	99.2	130	ug/Kg
105-67-9	2,4-Dimethylphenol	71.1	U	71.1	99.2	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65.4	U	65.4	99.2	130	ug/Kg
120-83-2	2,4-Dichlorophenol	57.6	U	57.6	99.2	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	65.1	U	65.1	99.2	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	210	250	ug/Kg
91-20-3	Naphthalene	63	U	63	99.2	130	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	99.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	63.5	U	63.5	99.2	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	RB21198	SDG No.:	BF121924
Lab Sample ID:	P5342-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140939.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	66.2	U	66.2	210	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59.1	U	59.1	99.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	62.9	U	62.9	99.2	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	210	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.5	U	54.5	99.2	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56.4	U	56.4	99.2	130	ug/Kg
92-52-4	1,1-Biphenyl	66.7	U	66.7	99.2	130	ug/Kg
91-58-7	2-Chloronaphthalene	63.5	U	63.5	99.2	130	ug/Kg
88-74-4	2-Nitroaniline	72.5	U	72.5	99.2	130	ug/Kg
131-11-3	Dimethylphthalate	62.3	U	62.3	99.2	130	ug/Kg
208-96-8	Acenaphthylene	66	U	66	99.2	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.5	U	63.5	99.2	130	ug/Kg
99-09-2	3-Nitroaniline	68	U	68	99.2	130	ug/Kg
83-32-9	Acenaphthene	61.9	U	61.9	99.2	130	ug/Kg
Total PAH	Total PAH	1010.8	U	1010.8	99.2	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	210	250	ug/Kg
100-02-7	4-Nitrophenol	88.5	U	88.5	210	250	ug/Kg
132-64-9	Dibenzofuran	64.4	U	64.4	99.2	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29.2	U	129.2	99.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.7	U	65.7	99.2	130	ug/Kg
84-66-2	Diethylphthalate	61.1	U	61.1	99.2	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65.3	U	65.3	99.2	130	ug/Kg
86-73-7	Fluorene	65.2	U	65.2	99.2	130	ug/Kg
100-01-6	4-Nitroaniline	81.6	U	81.6	99.2	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89.2	U	89.2	210	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.2	U	62.2	99.2	130	ug/Kg
103-33-3	Azobenzene	60.7	U	60.7	99.2	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60.2	U	60.2	99.2	130	ug/Kg
118-74-1	Hexachlorobenzene	64.8	U	64.8	99.2	130	ug/Kg
1912-24-9	Atrazine	69.7	U	69.7	99.2	130	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	RB21198	SDG No.:	BF121924
Lab Sample ID:	P5342-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140939.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	59	U	59	210	250	ug/Kg
85-01-8	Phenanthrene	64.1	U	64.1	99.2	130	ug/Kg
120-12-7	Anthracene	64.4	U	64.4	99.2	130	ug/Kg
86-74-8	Carbazole	61.2	U	61.2	99.2	130	ug/Kg
84-74-2	Di-n-butylphthalate	64.3	U	64.3	99.2	130	ug/Kg
206-44-0	Fluoranthene	62.3	U	62.3	99.2	130	ug/Kg
92-87-5	Benzidine	120	U	120	210	250	ug/Kg
129-00-0	Pyrene	63.3	U	63.3	99.2	130	ug/Kg
85-68-7	Butylbenzylphthalate	73.8	U	73.8	99.2	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75.2	U	75.2	210	250	ug/Kg
56-55-3	Benzo(a)anthracene	61.6	U	61.6	99.2	130	ug/Kg
218-01-9	Chrysene	60.6	U	60.6	99.2	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540		69.4	99.2	130	ug/Kg
117-84-0	Di-n-octyl phthalate	83.9	U	83.9	210	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	61.9	U	61.9	99.2	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	99.2	130	ug/Kg
50-32-8	Benzo(a)pyrene	70.9	U	70.9	99.2	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59.6	U	59.6	99.2	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61.9	U	61.9	99.2	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.1	U	61.1	99.2	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66.2	U	66.2	99.2	130	ug/Kg
123-91-1	1,4-Dioxane	83.9	U	83.9	99.2	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	99.2	130	ug/Kg
90-12-0	1-Methylnaphthalene	63.5	U	63.5	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.655		18-112		66	SPK: -150
13127-88-3	Phenol-d6	102.124		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	60.159		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	60.442		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	RB21198	SDG No.:	BF121924
Lab Sample ID:	P5342-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140939.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.387		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	58.063		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48341	6.851				
1146-65-2	Naphthalene-d8	175692	8.128				
15067-26-2	Acenaphthene-d10	78659	9.892				
1517-22-2	Phenanthrene-d10	120869	11.404				
1719-03-5	Chrysene-d12	93204	14.068				
1520-96-3	Perylene-d12	79294	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown8.751	290	J			8.751	
	unknown9.122	70.4	J			9.122	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	150	J			9.281	
	unknown9.592	500	J			9.592	
	unknown9.751	280	J			9.751	
	unknown9.798	510	J			9.798	
	unknown10.304	310	J			10.304	

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF121924
Lab Sample ID:	P5342-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	10.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140940.D	5	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500	U	1500	4500	5500	ug/Kg
110-86-1	Pyridine	1300	U	1300	2200	2900	ug/Kg
100-52-7	Benzaldehyde	3100	U	3100	4500	5500	ug/Kg
62-53-3	Aniline	1600	U	1600	2200	2900	ug/Kg
108-95-2	Phenol	1400	U	1400	2200	2900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400	U	1400	2200	2900	ug/Kg
95-57-8	2-Chlorophenol	1400	U	1400	2200	2900	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400	U	1400	2200	2900	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400	U	1400	2200	2900	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500	U	1500	2200	2900	ug/Kg
100-51-6	Benzyl Alcohol	1400	U	1400	4500	5500	ug/Kg
95-48-7	2-Methylphenol	1400	U	1400	2200	2900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500	U	1500	2200	2900	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2200	2900	ug/Kg
65794-96-9	3+4-Methylphenols	1300	U	1300	4500	5500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	680	U	680	1300	1300	ug/Kg
67-72-1	Hexachloroethane	1400	U	1400	2200	2900	ug/Kg
98-95-3	Nitrobenzene	1500	U	1500	2200	2900	ug/Kg
78-59-1	Isophorone	1400	U	1400	2200	2900	ug/Kg
88-75-5	2-Nitrophenol	1600	U	1600	2200	2900	ug/Kg
105-67-9	2,4-Dimethylphenol	1600	U	1600	2200	2900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400	U	1400	2200	2900	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	2200	2900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400	U	1400	2200	2900	ug/Kg
65-85-0	Benzoic acid	4000	U	4000	4500	5500	ug/Kg
91-20-3	Naphthalene	1400	U	1400	2200	2900	ug/Kg
106-47-8	4-Chloroaniline	1400	U	1400	2200	2900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	2200	2900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF121924
Lab Sample ID:	P5342-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	10.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140940.D	5	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500	U	1500	4500	5500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	2200	2900	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	2200	2900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	4500	5500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	2200	2900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	2200	2900	ug/Kg
92-52-4	1,1-Biphenyl	1500	U	1500	2200	2900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	2200	2900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	2200	2900	ug/Kg
131-11-3	Dimethylphthalate	1400	U	1400	2200	2900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	2200	2900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	2200	2900	ug/Kg
99-09-2	3-Nitroaniline	1500	U	1500	2200	2900	ug/Kg
83-32-9	Acenaphthene	1400	U	1400	2200	2900	ug/Kg
Total PAH	Total PAH	22400	U	22400	2200	46400	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	U	4100	4500	5500	ug/Kg
100-02-7	4-Nitrophenol	1900	U	1900	4500	5500	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	2200	2900	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400	U	1400	2200	2900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800	U	2800	2200	5800	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	2200	2900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400	U	1400	2200	2900	ug/Kg
86-73-7	Fluorene	1400	U	1400	2200	2900	ug/Kg
100-01-6	4-Nitroaniline	1800	U	1800	2200	2900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	4500	5500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400	U	1400	2200	2900	ug/Kg
103-33-3	Azobenzene	1300	U	1300	2200	2900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	2200	2900	ug/Kg
118-74-1	Hexachlorobenzene	1400	U	1400	2200	2900	ug/Kg
1912-24-9	Atrazine	1500	U	1500	2200	2900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF121924
Lab Sample ID:	P5342-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	10.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140940.D	5	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	U	1300	4500	5500	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	2200	2900	ug/Kg
120-12-7	Anthracene	1400	U	1400	2200	2900	ug/Kg
86-74-8	Carbazole	1300	U	1300	2200	2900	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	2200	2900	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2200	2900	ug/Kg
92-87-5	Benzidine	2700	U	2700	4500	5500	ug/Kg
129-00-0	Pyrene	1400	U	1400	2200	2900	ug/Kg
85-68-7	Butylbenzylphthalate	1600	U	1600	2200	2900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	4500	5500	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	2200	2900	ug/Kg
218-01-9	Chrysene	1300	U	1300	2200	2900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	2200	2900	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	4500	5500	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2200	2900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2200	2900	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	2200	2900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	2200	2900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	2200	2900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	2200	2900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	2200	2900	ug/Kg
123-91-1	1,4-Dioxane	1800	U	1800	2200	2900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300	U	1300	2200	2900	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	2900	2900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.26		18-112		87	SPK: -150
13127-88-3	Phenol-d6	116.03		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	73.375		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	91.055		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF121924
Lab Sample ID:	P5342-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	10.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140940.D	5	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165748

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.325		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	90.455		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37444	6.851				
1146-65-2	Naphthalene-d8	142951	8.128				
15067-26-2	Acenaphthene-d10	63367	9.892				
1517-22-2	Phenanthrene-d10	106218	11.398				
1719-03-5	Chrysene-d12	82096	14.051				
1520-96-3	Perylene-d12	66926	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	25100	J			4.493	
	unknown8.416	6000	J			8.416	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	2400	J			8.628	
025152-84-5	2,4-Decadienal, (E,E)-	4700	J			8.869	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	4400	J			8.951	
	unknown9.116	1100	J			9.116	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	4900	J			9.275	
	unknown9.592	12800	J			9.592	
	unknown9.751	9100	J			9.751	
	unknown9.792	11200	J			9.792	
1000306-76-6	4-Fluoro-N-(1H-tetrazol-5-yl)benza	10000	J			10.298	
054105-67-8	Heptadecane, 2,6-dimethyl-	11200	J			10.81	



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MW2-20241213							
P5291-05	MW2-20241213	Water	1,4-Pentadiene, 2,3,3-trimethyl-	*	11.700	J		
P5291-05	MW2-20241213	Water	2,4-Heptadiene, (E,E)-	*	6.600	J		
P5291-05	MW2-20241213	Water	2-Hexene, 3-methyl-, (Z)-	*	10.000	J		
P5291-05	MW2-20241213	Water	Benzene, (1-methylpropyl)-	*	7.800	J		
P5291-05	MW2-20241213	Water	Benzene, 1,2,3-trimethyl-	*	180.000	J		
P5291-05	MW2-20241213	Water	Benzene, 1,3-diethyl-	*	34.400	J		
P5291-05	MW2-20241213	Water	Benzene, 1,4-diethyl-	*	42.300	J		
P5291-05	MW2-20241213	Water	Benzene, 1-ethyl-2-methyl-	*	55.500	J		
P5291-05	MW2-20241213	Water	Benzene, 1-ethyl-3-methyl-	*	6.300	J		
P5291-05	MW2-20241213	Water	Benzene, 1-ethyl-4-methyl-	*	76.600	J		
P5291-05	MW2-20241213	Water	Benzene, 1-methyl-4-propyl-	*	18.300	J		
P5291-05	MW2-20241213	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	9.000	J		
P5291-05	MW2-20241213	Water	Benzene, propyl-	*	48.800	J		
P5291-05	MW2-20241213	Water	Benzoic acid, 2,3-dimethyl-	*	8.700	J		
P5291-05	MW2-20241213	Water	Indane	*	140.000	J		
P5291-05	MW2-20241213	Water	Indane-5-carboxylic acid	*	16.600	J		
P5291-05	MW2-20241213	Water	Mesitylene	*	58.900	J		
P5291-05	MW2-20241213	Water	o-Cymene	*	29.800	J		
			Total Tics :		761.30			
P5291-05	MW2-20241213	Water	1-Methylnaphthalene		19.500		0.88	ug/L
P5291-05	MW2-20241213	Water	2,4-Dimethylphenol		3.500	J	1.5	ug/L
P5291-05	MW2-20241213	Water	2-Methylnaphthalene		30.500		1.2	ug/L
P5291-05	MW2-20241213	Water	Naphthalene		100.000	E	1	ug/L
			Total Svoc :		153.50			
			Total Concentration:		914.80			
Client ID :	MW3-20241213DL							
P5291-06DL	MW3-20241213DL	Water	1-Methylnaphthalene		17.600	JD	4.4	ug/L
P5291-06DL	MW3-20241213DL	Water	2-Methylnaphthalene		13.400	JD	5.8	ug/L
P5291-06DL	MW3-20241213DL	Water	Naphthalene		170.000	D	5.2	ug/L
			Total Svoc :		201.00			
			Total Concentration:		201.00			
Client ID :	WC-20241213							
P5291-13	WC-20241213	water	Naphthalene		35.700	J	10.2	ug/L
			Total Svoc :		35.70			
			Total Concentration:		35.70			
Client ID :	SOIL-VNJ-222							

Hit Summary Sheet SW-846

SDG No.: BF121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5312-01	SOIL-VNJ-222	Solid	.beta.-Amyrin	*	260.000	J		
P5312-01	SOIL-VNJ-222	Solid	1-Dodecanol, 2-octyl-	*	170.000	J		
P5312-01	SOIL-VNJ-222	Solid	17-(1,5-Dimethylhexyl)-10,13-din	*	630.000	J		
P5312-01	SOIL-VNJ-222	Solid	2,6,10-Trimethyltridecane	*	89.700	J		
P5312-01	SOIL-VNJ-222	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	98.600	A		
P5312-01	SOIL-VNJ-222	Solid	Benzophenone	*	150.000	J		
P5312-01	SOIL-VNJ-222	Solid	Docosane	*	110.000	J		
P5312-01	SOIL-VNJ-222	Solid	Dotriacontane, 1-iodo-	*	1,200.000	J		
P5312-01	SOIL-VNJ-222	Solid	Heneicosane	*	100.000	J		
P5312-01	SOIL-VNJ-222	Solid	Heptadecane	*	150.000	J		
P5312-01	SOIL-VNJ-222	Solid	Hexadecane	*	91.500	J		
P5312-01	SOIL-VNJ-222	Solid	Nonadecane	*	120.000	J		
P5312-01	SOIL-VNJ-222	Solid	Nonadecane, 9-methyl-	*	110.000	J		
P5312-01	SOIL-VNJ-222	Solid	Octadecane	*	100.000	J		
P5312-01	SOIL-VNJ-222	Solid	Pentadecane	*	140.000	J		
P5312-01	SOIL-VNJ-222	Solid	Pentadecane, 2,6,10-trimethyl-	*	91.300	J		
P5312-01	SOIL-VNJ-222	Solid	Tetracosane	*	380.000	J		
P5312-01	SOIL-VNJ-222	Solid	Tetradecane	*	100.000	J		
P5312-01	SOIL-VNJ-222	Solid	Tridecane	*	98.800	J		
P5312-01	SOIL-VNJ-222	Solid	Tridecane, 1-iodo-	*	180.000	J		

Total Tics : 4,369.90

Total Concentration: 4,369.90

Client ID : CONCRETE-VNJ-222

P5312-03	CONCRETE-VNJ-222	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	840.000	A		
P5312-03	CONCRETE-VNJ-222	Solid	3-Ethyl-2,6,10-trimethylundecane	*	46.600	J		
P5312-03	CONCRETE-VNJ-222	Solid	3-Penten-2-one, 4-methyl-	*	670.000	A		
P5312-03	CONCRETE-VNJ-222	Solid	Benzophenone	*	61.700	J		
P5312-03	CONCRETE-VNJ-222	Solid	Cyclotetradecane	*	130.000	J		
P5312-03	CONCRETE-VNJ-222	Solid	Dodecane	*	56.700	J		
P5312-03	CONCRETE-VNJ-222	Solid	Dodecane, 2,6,10-trimethyl-	*	48.200	J		
P5312-03	CONCRETE-VNJ-222	Solid	Dodecane, 2,6,11-trimethyl-	*	99.300	J		
P5312-03	CONCRETE-VNJ-222	Solid	Heptadecane, 2,6,10,15-tetrameth	*	90.900	J		
P5312-03	CONCRETE-VNJ-222	Solid	n-Hexadecanoic acid	*	70.700	J		
P5312-03	CONCRETE-VNJ-222	Solid	Pentadecane	*	84.900	J		
P5312-03	CONCRETE-VNJ-222	Solid	Pentadecane, 2,6,10-trimethyl-	*	40.200	J		
P5312-03	CONCRETE-VNJ-222	Solid	Sulfurous acid, 2-ethylhexyl nony	*	48.400	J		
P5312-03	CONCRETE-VNJ-222	Solid	Tetradecane	*	100.000	J		
P5312-03	CONCRETE-VNJ-222	Solid	Tridecane	*	100.000	J		

Total Tics : 2,487.60

Hit Summary Sheet SW-846

SDG No.: BF121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,487.60				
Client ID :	TP-5							
P5330-01	TP-5	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	51.800	J		
P5330-01	TP-5	Solid	Benzophenone	*	110.000	J		
P5330-01	TP-5	Solid	n-Hexadecanoic acid	*	110.000	J		
P5330-01	TP-5	Solid	Tricosyl heptafluorobutyrate	*	94.900	J		
Total Tics :				366.70				
Total Concentration:				366.70				
Client ID :	ETGI-357							
P5337-01	ETGI-357	Solid	Phenol		120.000	49.7	100	ug/Kg
Total Svoc :				120.00				
Total Concentration:				120.00				
Client ID :	TR-06-12182024							
P5339-01	TR-06-12182024	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P5339-01	TR-06-12182024	Solid	Benzophenone	*	150.000	J		
P5339-01	TR-06-12182024	Solid	Cyclopenta(def)phenanthrenone	*	53.400	J		
P5339-01	TR-06-12182024	Solid	Phenanthrene, 2-methyl-	*	260.000	J		
P5339-01	TR-06-12182024	Solid	Phenanthrene, 3,6-dimethyl-	*	81.900	J		
Total Tics :				715.30				
P5339-01	TR-06-12182024	Solid	Acenaphthylene		62.100	J	60	ug/Kg
P5339-01	TR-06-12182024	Solid	Anthracene		80.100	J	58.6	ug/Kg
P5339-01	TR-06-12182024	Solid	Benzo(a)anthracene		310.000		56	ug/Kg
P5339-01	TR-06-12182024	Solid	Benzo(a)pyrene		340.000		64.5	ug/Kg
P5339-01	TR-06-12182024	Solid	Benzo(b)fluoranthene		340.000		56.3	ug/Kg
P5339-01	TR-06-12182024	Solid	Benzo(g,h,i)perylene		180.000		55.6	ug/Kg
P5339-01	TR-06-12182024	Solid	Benzo(k)fluoranthene		160.000		57.3	ug/Kg
P5339-01	TR-06-12182024	Solid	Chrysene		300.000		55.2	ug/Kg
P5339-01	TR-06-12182024	Solid	Fluoranthene		670.000		56.7	ug/Kg
P5339-01	TR-06-12182024	Solid	Indeno(1,2,3-cd)pyrene		160.000		54.2	ug/Kg
P5339-01	TR-06-12182024	Solid	Phenanthrene		250.000		58.3	ug/Kg
P5339-01	TR-06-12182024	Solid	Pyrene		500.000		57.6	ug/Kg
Total Svoc :				3,352.20				
Total Concentration:				4,067.50				
Client ID :	CHRT26634							
P5342-01	CHRT26634	Solid	.alpha.-Amyrone	*	920.000	J		
P5342-01	CHRT26634	Solid	1,3,4-Trimethyladamantane	*	400.000	J		
P5342-01	CHRT26634	Solid	1,4-Benzenedicarboxylic acid, bis	*	210.000	J		
P5342-01	CHRT26634	Solid	1,4-Dimethyladamantane (isomer	*	140.000	J		
P5342-01	CHRT26634	Solid	16-Heptadecenal	*	600.000	J		

Hit Summary Sheet SW-846

SDG No.: BF121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5342-01	CHRT26634	Solid	2-Methyladamantane	*	120.000	J		
P5342-01	CHRT26634	Solid	Benzo[e]pyrene	*	470.000	J		
P5342-01	CHRT26634	Solid	Lup-20(29)-en-3-one	*	3,000.000	J		
P5342-01	CHRT26634	Solid	Naphthalene, 1,2,3,4-tetrahydro-6	*	230.000	J		
P5342-01	CHRT26634	Solid	Nonacosanal	*	770.000	J		
P5342-01	CHRT26634	Solid	Octacosane	*	490.000	J		
P5342-01	CHRT26634	Solid	Phenol, 2,6-bis(1,1-dimethylethyl)	*	260.000	J		
P5342-01	CHRT26634	Solid	Strychnidin-10-one, 2,3-dimethox	*	570.000	J		
P5342-01	CHRT26634	Solid	Tetradecanal	*	620.000	J		
P5342-01	CHRT26634	Solid	unknown8.416	*	230.000	J		
P5342-01	CHRT26634	Solid	unknown8.510	*	140.000	J		
P5342-01	CHRT26634	Solid	unknown8.751	*	310.000	J		
P5342-01	CHRT26634	Solid	unknown9.604	*	520.000	J		
P5342-01	CHRT26634	Solid	unknown9.769	*	470.000	J		
P5342-01	CHRT26634	Solid	unknown9.816	*	570.000	J		
Total Tics :				11,040.00				
P5342-01	CHRT26634	Solid	1,1-Biphenyl		220.000	74.5	140	ug/Kg
P5342-01	CHRT26634	Solid	1-Methylnaphthalene		330.000	70.9	140	ug/Kg
P5342-01	CHRT26634	Solid	2-Methylnaphthalene		570.000	70.3	140	ug/Kg
P5342-01	CHRT26634	Solid	Acenaphthene		690.000	69.1	140	ug/Kg
P5342-01	CHRT26634	Solid	Anthracene		610.000	71.9	140	ug/Kg
P5342-01	CHRT26634	Solid	Benzo(a)anthracene		1,100.000	68.8	140	ug/Kg
P5342-01	CHRT26634	Solid	Benzo(a)pyrene		900.000	79.2	140	ug/Kg
P5342-01	CHRT26634	Solid	Benzo(b)fluoranthene		1,500.000	69.1	140	ug/Kg
P5342-01	CHRT26634	Solid	Benzo(g,h,i)perylene		420.000	68.2	140	ug/Kg
P5342-01	CHRT26634	Solid	Benzo(k)fluoranthene		640.000	70.4	140	ug/Kg
P5342-01	CHRT26634	Solid	Bis(2-ethylhexyl)phthalate		250.000	77.5	140	ug/Kg
P5342-01	CHRT26634	Solid	Chrysene		1,400.000	67.7	140	ug/Kg
P5342-01	CHRT26634	Solid	Di-n-octyl phthalate		260.000	J 93.7	280	ug/Kg
P5342-01	CHRT26634	Solid	Dibenzo(a,h)anthracene		140.000	69.2	140	ug/Kg
P5342-01	CHRT26634	Solid	Dibenzofuran		600.000	71.9	140	ug/Kg
P5342-01	CHRT26634	Solid	Fluoranthene		3,500.000	E 69.6	140	ug/Kg
P5342-01	CHRT26634	Solid	Indeno(1,2,3-cd)pyrene		440.000	66.5	140	ug/Kg
P5342-01	CHRT26634	Solid	Naphthalene		340.000	70.4	140	ug/Kg
P5342-01	CHRT26634	Solid	Phenanthrene		3,000.000	E 71.6	140	ug/Kg
P5342-01	CHRT26634	Solid	Pyrene		2,000.000	70.7	140	ug/Kg
P5342-01	CHRT26634	Solid	Total PAH		16,680.000	1128.9	2240	ug/Kg
Total Svoc :				35,590.00				
Total Concentration:				46,630.00				

Client ID : HT2651

Hit Summary Sheet SW-846

SDG No.: BF121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5342-03	HT2651	Solid	2,4-Decadienal, (E,E)-	*	4,700.000	J		
P5342-03	HT2651	Solid	4-Fluoro-N-(1H-tetrazol-5-yl)benz	*	10,000.000	J		
P5342-03	HT2651	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	4,900.000	J		
P5342-03	HT2651	Solid	Heptadecane, 2,6-dimethyl-	*	11,200.000	J		
P5342-03	HT2651	Solid	Hexanal	*	25,100.000	J		
P5342-03	HT2651	Solid	Naphthalene, 1,2,3,4-tetrahydro-1.	*	4,400.000	J		
P5342-03	HT2651	Solid	Naphthalene, 1,2,3,4-tetrahydro-5.	*	2,400.000	J		
P5342-03	HT2651	Solid	unknown8.416	*	6,000.000	J		
P5342-03	HT2651	Solid	unknown9.116	*	1,100.000	J		
P5342-03	HT2651	Solid	unknown9.592	*	12,800.000	J		
P5342-03	HT2651	Solid	unknown9.751	*	9,100.000	J		
P5342-03	HT2651	Solid	unknown9.792	*	11,200.000	J		
Total Tics :					102,900.00			
Total Concentration:					102,900.00			
Client ID : RB21198								
P5342-05	RB21198	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	150.000	J		
P5342-05	RB21198	Solid	unknown10.304	*	310.000	J		
P5342-05	RB21198	Solid	unknown8.751	*	290.000	J		
P5342-05	RB21198	Solid	unknown9.122	*	70.400	J		
P5342-05	RB21198	Solid	unknown9.592	*	500.000	J		
P5342-05	RB21198	Solid	unknown9.751	*	280.000	J		
P5342-05	RB21198	Solid	unknown9.798	*	510.000	J		
Total Tics :					2,110.40			
P5342-05	RB21198	Solid	Bis(2-ethylhexyl)phthalate		540.000	69.4	130	ug/Kg
Total Svoc :					540.00			
Total Concentration:					2,650.40			
Client ID : VNJ210								
P5343-01	VNJ210	Solid	1-Hexacosene	*	110.000	J		
P5343-01	VNJ210	Solid	11H-Benzo[b]fluorene	*	72.800	J		
P5343-01	VNJ210	Solid	4H-Cyclopenta[def]phenanthrene	*	72.100	J		
P5343-01	VNJ210	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	82.200	J		
P5343-01	VNJ210	Solid	Benzo[e]pyrene	*	56.600	J		
P5343-01	VNJ210	Solid	Benzophenone	*	320.000	J		
P5343-01	VNJ210	Solid	n-Hexadecanoic acid	*	280.000	J		
P5343-01	VNJ210	Solid	Perylene	*	200.000	J		
P5343-01	VNJ210	Solid	Phenanthrene, 2,5-dimethyl-	*	72.500	J		
P5343-01	VNJ210	Solid	Pyrene, 1-methyl-	*	51.900	J		
P5343-01	VNJ210	Solid	Pyrene, 2-methyl-	*	51.900	J		
P5343-01	VNJ210	Solid	unknown14.769	*	67.300	J		
Total Tics :					1,437.30			

Hit Summary Sheet SW-846

SDG No.: BF121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5343-01	VNJ210	Solid	Benzo(a)anthracene	240.000		60.2	130	ug/Kg
P5343-01	VNJ210	Solid	Benzo(a)pyrene	240.000		69.3	130	ug/Kg
P5343-01	VNJ210	Solid	Benzo(b)fluoranthene	260.000		60.4	130	ug/Kg
P5343-01	VNJ210	Solid	Benzo(g,h,i)perylene	150.000		59.7	130	ug/Kg
P5343-01	VNJ210	Solid	Benzo(k)fluoranthene	80.800	J	61.6	130	ug/Kg
P5343-01	VNJ210	Solid	Chrysene	220.000		59.3	130	ug/Kg
P5343-01	VNJ210	Solid	Fluoranthene	360.000		60.9	130	ug/Kg
P5343-01	VNJ210	Solid	Indeno(1,2,3-cd)pyrene	140.000		58.2	130	ug/Kg
P5343-01	VNJ210	Solid	Phenanthrene	210.000		62.6	130	ug/Kg
P5343-01	VNJ210	Solid	Pyrene	340.000		61.9	130	ug/Kg
Total Svoc :				2,240.80				
Total Concentration:				3,678.10				
Client ID : VNJ281								
P5343-03	VNJ281	Solid	1-Nonadecene	*	350.000	J		
P5343-03	VNJ281	Solid	1-Tetracosene	*	130.000	J		
P5343-03	VNJ281	Solid	5-Bromo-2-thiophenecarboxaldeh	*	100.000	J		
P5343-03	VNJ281	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	55.900	J		
P5343-03	VNJ281	Solid	Benzo[e]pyrene	*	110.000	J		
P5343-03	VNJ281	Solid	Benzophenone	*	120.000	J		
P5343-03	VNJ281	Solid	Cyclopentadecane	*	110.000	J		
P5343-03	VNJ281	Solid	Heptadecyl trifluoroacetate	*	80.200	J		
P5343-03	VNJ281	Solid	n-Hexadecanoic acid	*	240.000	J		
P5343-03	VNJ281	Solid	Octacosane, 2-methyl-	*	59.800	J		
P5343-03	VNJ281	Solid	unknown12.680	*	51.100	J		
P5343-03	VNJ281	Solid	unknown16.221	*	86.900	J		
P5343-03	VNJ281	Solid	unknown16.421	*	47.600	J		
Total Tics :				1,541.50				
P5343-03	VNJ281	Solid	Benzo(a)anthracene	150.000		55.9	120	ug/Kg
P5343-03	VNJ281	Solid	Benzo(a)pyrene	170.000		64.5	120	ug/Kg
P5343-03	VNJ281	Solid	Benzo(b)fluoranthene	210.000		56.2	120	ug/Kg
P5343-03	VNJ281	Solid	Benzo(g,h,i)perylene	110.000	J	55.5	120	ug/Kg
P5343-03	VNJ281	Solid	Benzo(k)fluoranthene	76.200	J	57.2	120	ug/Kg
P5343-03	VNJ281	Solid	Chrysene	180.000		55.1	120	ug/Kg
P5343-03	VNJ281	Solid	Fluoranthene	380.000		56.6	120	ug/Kg
P5343-03	VNJ281	Solid	Indeno(1,2,3-cd)pyrene	91.300	J	54.1	120	ug/Kg
P5343-03	VNJ281	Solid	Phenanthrene	250.000		58.2	120	ug/Kg
P5343-03	VNJ281	Solid	Pyrene	250.000		57.5	120	ug/Kg
Total Svoc :				1,867.50				
Total Concentration:				3,409.00				



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

Hit Summary Sheet
SW-846

SDG No.: BF121924

Client:

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

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF121624 SAS No.: BF121624 SDG No.: BF121624
Instrument ID: _____ Calibration Date(s): 12/16/2024
Calibration Time(s): 12:13

LAB FILE ID:		RRF2.5 = BF140855.D			RRF005 = BF140856.D		RRF010 = BF140857.D	
		RRF020 = BF140858.D			RRF040 = BF140859.D		RRF050 = BF140860.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.598	0.593	0.626	0.603	0.621	0.611	3.6
Pyridine		1.203	1.182	1.284	1.222	1.221	1.212	3.8
2-Fluorophenol		1.211	1.236	1.279	1.199	1.231	1.215	4.4
Benzaldehyde		1.048	1.051	0.993	0.864	0.823	0.892	16.3
Aniline		1.408	1.461	1.448	1.374	1.364	1.376	6.1
Phenol-d6		1.692	1.661	1.661	1.567	1.576	1.609	4.5
Phenol		1.756	1.690	1.733	1.630	1.643	1.668	4.4
bis(2-Chloroethyl)ether		1.277	1.242	1.281	1.227	1.237	1.244	2.9
2-Chlorophenol		1.343	1.379	1.357	1.301	1.313	1.325	3.8
1,2-Dichlorobenzene		1.521	1.495	1.509	1.436	1.403	1.446	4.9
1,3-Dichlorobenzene		1.584	1.540	1.557	1.469	1.495	1.510	4.2
1,4-Dichlorobenzene		1.607	1.601	1.583	1.497	1.495	1.532	4.9
Benzyl Alcohol		1.146	1.143	1.236	1.150	1.143	1.151	4.6
2-Methylphenol		1.081	1.105	1.080	1.039	1.039	1.058	3.5
2,2-oxybis(1-Chloropropane)		1.563	1.495	1.519	1.438	1.438	1.465	4.5
Acetophenone		0.526	0.503	0.520	0.493	0.496	0.500	5.4
3+4-Methylphenols		1.503	1.491	1.440	1.355	1.360	1.403	5.8
n-Nitroso-di-n-propylamine	1.005	1.030	1.004	0.999	0.922	0.938	0.965	5.5
Nitrobenzene-d5		0.406	0.401	0.420	0.393	0.397	0.400	4.4
Hexachloroethane		0.600	0.580	0.585	0.556	0.557	0.570	3.9
Nitrobenzene		0.418	0.411	0.425	0.402	0.408	0.410	4.4
Isophorone		0.681	0.672	0.690	0.651	0.664	0.670	3.5
2-Nitrophenol		0.183	0.185	0.193	0.187	0.191	0.189	3.8
2,4-Dimethylphenol		0.221	0.220	0.225	0.220	0.219	0.220	2.6
bis(2-Chloroethoxy)methane		0.431	0.414	0.429	0.417	0.418	0.418	3.0
2,4-Dichlorophenol		0.300	0.310	0.313	0.299	0.301	0.304	3.1
1,2,4-Trichlorobenzene		0.360	0.354	0.357	0.341	0.342	0.349	3.8
Benzoic acid			0.173	0.192	0.212	0.220	0.209	11.0
Naphthalene		1.138	1.125	1.126	1.067	1.090	1.099	3.9
4-Chloroaniline		0.371	0.375	0.377	0.361	0.358	0.365	2.7
Hexachlorobutadiene		0.239	0.235	0.244	0.232	0.233	0.235	3.4
Caprolactam		0.085	0.090	0.090	0.090	0.089	0.091	3.9
4-Chloro-3-methylphenol		0.342	0.347	0.347	0.338	0.332	0.342	1.7
2-Methylnaphthalene		0.744	0.734	0.740	0.721	0.700	0.727	2.1
Hexachlorocyclopentadiene			0.091	0.120	0.142	0.163	0.153	30.1
2,4,6-Trichlorophenol		0.348	0.339	0.386	0.364	0.357	0.376	9.7

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.: BF121624

SAS No.: BF121624

SDG No.: BF121624

Instrument ID: _____

Calibration Date(s): 12/16/2024

Calibration Time(s): 12:13

LAB FILE ID:		RRF2.5 = BF140855.D		RRF005 = BF140856.D		RRF010 = BF140857.D		
		RRF020 = BF140858.D		RRF040 = BF140859.D		RRF050 = BF140860.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.560	1.410	1.538	1.369	1.345	1.455	5.8
2,4,5-Trichlorophenol		0.413	0.365	0.426	0.397	0.395	0.414	8.3
1,1-Biphenyl		1.678	1.512	1.639	1.513	1.463	1.590	6.5
2-Chloronaphthalene		1.236	1.157	1.254	1.169	1.124	1.217	6.7
2-Nitroaniline		0.350	0.346	0.372	0.358	0.341	0.367	8.1
Dimethylphthalate		1.431	1.367	1.438	1.359	1.308	1.410	5.4
Acenaphthylene		1.874	1.821	1.880	1.734	1.696	1.788	4.1
2,6-Dinitrotoluene		0.320	0.317	0.328	0.312	0.303	0.322	5.1
3-Nitroaniline		0.322	0.316	0.328	0.316	0.325	0.320	2.3
Acenaphthene		1.228	1.190	1.166	1.113	1.100	1.142	5.2
2,4-Dinitrophenol			0.088	0.108	0.134	0.145	0.132	21.6
4-Nitrophenol			0.091	0.133	0.165	0.169	0.150	21.6
Dibenzofuran		1.920	1.876	1.830	1.728	1.705	1.770	6.5
2,4-Dinitrotoluene		0.435	0.438	0.440	0.419	0.421	0.424	4.1
Diethylphthalate		1.562	1.484	1.496	1.439	1.446	1.462	4.5
4-Chlorophenyl-phenylether		0.780	0.750	0.759	0.716	0.727	0.733	4.6
Fluorene		1.573	1.522	1.492	1.444	1.429	1.460	5.3
4-Nitroaniline		0.329	0.333	0.339	0.338	0.343	0.334	2.4
4,6-Dinitro-2-methylphenol			0.099	0.109	0.117	0.118	0.113	9.0
n-Nitrosodiphenylamine		0.639	0.679	0.644	0.599	0.592	0.615	7.9
Azobenzene		1.482	1.411	1.394	1.368	1.358	1.375	4.7
2,4,6-Tribromophenol		0.235	0.236	0.242	0.240	0.235	0.237	2.6
4-Bromophenyl-phenylether		0.225	0.248	0.236	0.220	0.214	0.224	8.0
Hexachlorobenzene		0.257	0.280	0.268	0.246	0.245	0.254	7.2
Atrazine		0.200	0.204	0.193	0.168	0.153	0.172	16.5
Pentachlorophenol			0.062	0.082	0.098	0.102	0.093	18.7
Phenanthrene		1.125	1.081	1.072	0.983	0.988	1.028	6.5
Anthracene		1.091	1.064	1.053	0.970	0.978	1.013	5.7
Carbazole		1.086	1.018	1.026	0.952	0.972	0.992	5.6
Di-n-butylphthalate		1.245	1.206	1.232	1.129	1.185	1.164	8.1
Fluoranthene		1.364	1.291	1.251	1.130	1.138	1.184	11.5
Benzidine			0.319	0.401	0.404	0.493	0.408	14.8
Pyrene		1.904	1.719	1.650	1.699	1.761	1.779	6.1
Terphenyl-d14		1.354	1.247	1.218	1.206	1.212	1.268	5.6
Butylbenzylphthalate		0.650	0.616	0.621	0.646	0.672	0.654	4.6
3,3-Dichlorobenzidine		0.429	0.427	0.449	0.412	0.432	0.428	4.1

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.: BF121624 SAS No.: BF121624 SDG No.: BF121624
Instrument ID: _____ Calibration Date(s): 12/16/2024
Calibration Time(s): 12:13

LAB FILE ID:		RRF2.5 = BF140855.D			RRF005 = BF140856.D		RRF010 = BF140857.D	
		RRF020 = BF140858.D			RRF040 = BF140859.D		RRF050 = BF140860.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.494	1.473	1.421	1.359	1.388	1.417	3.6
Chrysene		1.361	1.284	1.364	1.271	1.254	1.289	4.4
Bis(2-ethylhexyl)phthalate		0.804	0.807	0.875	0.821	0.855	0.844	4.0
Di-n-octyl phthalate		1.267	1.170	1.348	1.223	1.341	1.277	5.2
Benzo(b)fluoranthene		1.454	1.466	1.450	1.294	1.263	1.388	6.1
Benzo(k)fluoranthene		1.318	1.250	1.223	1.224	1.142	1.191	8.6
Benzo(a)pyrene		1.099	1.084	1.134	1.073	1.056	1.087	3.1
Indeno(1,2,3-cd)pyrene		1.130	1.174	1.330	1.269	1.109	1.248	8.9
Dibenzo(a,h)anthracene		0.913	0.986	1.092	1.058	0.918	1.034	9.3
Benzo(g,h,i)perylene		0.961	0.972	1.094	1.073	0.944	1.052	9.5
1,2,4,5-Tetrachlorobenzene		0.622	0.573	0.641	0.580	0.576	0.615	6.9
1,4-Dioxane		0.547	0.536	0.537	0.503	0.520	0.523	3.8
2,3,4,6-Tetrachlorophenol		0.297	0.312	0.345	0.354	0.356	0.337	7.0
1-Methylnaphthalene		0.758	0.743	0.716	0.706	0.686	0.719	3.4

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.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDICCC040

Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140859.D

Time Analyzed: 12:04

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	77674	6.851	293537	8.13	179301	9.89
	UPPER LIMIT	155348	7.351	587074	8.628	358602	10.386
	LOWER LIMIT	38837	6.351	146768.5	7.628	89650.5	9.386
	EPA SAMPLE NO.						
01	PB165719BL	69607	6.85	253415	8.13	149553	9.88
02	PB165719BS	74320	6.85	267213	8.13	145295	9.89
03	PB165680TB	70295	6.85	274815	8.13	153483	9.88
04	CONCRETE-VNJ-222	58228	6.85	220188	8.13	116582	9.88
05	WC-20241213	61223	6.85	208045	8.13	120608	9.88
06	MW3-20241213DL	62503	6.85	247280	8.13	131466	9.88
07	ETGI-357	52475	6.85	186476	8.13	113274	9.88
08	WC-20241213MS	53334	6.85	219250	8.13	121709	9.89
09	WC-20241213MSD	51170	6.85	191371	8.13	116350	9.89
10	MW2-20241213	57762	6.85	194711	8.13	97803	9.88
11	VNJ210	58690	6.85	234839	8.13	104304	9.88
12	VNJ210MS	57459	6.85	198277	8.13	126175	9.89
13	VNJ210MSD	52636	6.85	206485	8.13	112703	9.89
14	VNJ281	61957	6.85	218114	8.13	103558	9.88
15	TP-5	45526	6.85	155664	8.13	71881 *	9.88
16	SOIL-VNJ-222	47206	6.85	164775	8.13	82178 *	9.88
17	HR-04-121624MS	59192	6.85	196105	8.13	89823	9.89
18	HR-04-121624MSD	57597	6.85	185758	8.13	104796	9.89
19	TR-06-12182024	46390	6.85	142052 *	8.13	74068 *	9.89
20	CHRT26634	41008	6.85	139314 *	8.13	70237 *	9.91
21	RB21198	48341	6.85	175692	8.13	78659 *	9.89
22	HT2651	37444 *	6.85	142951 *	8.13	63367 *	9.89

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140859.D Time Analyzed: 21:19

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	77674	6.851	293537	8.13	179301	9.89
UPPER LIMIT	155348	7.351	587074	8.628	358602	10.386
LOWER LIMIT	38837	6.351	146768.5	7.628	89650.5	9.386
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.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDCCC040

Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140918.D

Time Analyzed: 12:04

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	84249	6.851	305577	8.13	170469	9.89
	UPPER LIMIT	168498	7.351	611154	8.628	340938	10.386
	LOWER LIMIT	42124.5	6.351	152788.5	7.628	85234.5	9.386
	EPA SAMPLE NO.						
01	PB165719BL	69607	6.85	253415	8.13	149553	9.88
02	PB165719BS	74320	6.85	267213	8.13	145295	9.89
03	PB165680TB	70295	6.85	274815	8.13	153483	9.88
04	CONCRETE-VNJ-222	58228	6.85	220188	8.13	116582	9.88
05	WC-20241213	61223	6.85	208045	8.13	120608	9.88
06	MW3-20241213DL	62503	6.85	247280	8.13	131466	9.88
07	ETGI-357	52475	6.85	186476	8.13	113274	9.88
08	WC-20241213MS	53334	6.85	219250	8.13	121709	9.89
09	WC-20241213MSD	51170	6.85	191371	8.13	116350	9.89
10	MW2-20241213	57762	6.85	194711	8.13	97803	9.88
11	VNJ210	58690	6.85	234839	8.13	104304	9.88
12	VNJ210MS	57459	6.85	198277	8.13	126175	9.89
13	VNJ210MSD	52636	6.85	206485	8.13	112703	9.89
14	VNJ281	61957	6.85	218114	8.13	103558	9.88
15	TP-5	45526	6.85	155664	8.13	71881 *	9.88
16	SOIL-VNJ-222	47206	6.85	164775	8.13	82178 *	9.88
17	HR-04-121624MS	59192	6.85	196105	8.13	89823	9.89
18	HR-04-121624MSD	57597	6.85	185758	8.13	104796	9.89
19	TR-06-12182024	46390	6.85	142052 *	8.13	74068 *	9.89
20	CHRT26634	41008 *	6.85	139314 *	8.13	70237 *	9.91
21	RB21198	48341	6.85	175692	8.13	78659 *	9.89
22	HT2651	37444 *	6.85	142951 *	8.13	63367 *	9.89

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140918.D Time Analyzed: 21:19

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	84249	6.851	305577	8.13	170469	9.89
UPPER LIMIT	168498	7.351	611154	8.628	340938	10.386
LOWER LIMIT	42124.5	6.351	152788.5	7.628	85234.5	9.386
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.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140859.D Time Analyzed: 12:04

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	361848	11.375	241027	14.033	202727	15.545
	UPPER LIMIT	723696	11.875	482054	14.533	405454	16.045
	LOWER LIMIT	180924	10.875	120513.5	13.533	101363.5	15.045
	EPA SAMPLE NO.						
01	PB165719BL	307565	11.38	207734	14.03	165067	15.53
02	PB165719BS	276523	11.38	202160	14.04	153304	15.54
03	PB165680TB	302044	11.37	232015	14.03	162327	15.55
04	CONCRETE-VNJ-222	194511	11.38	118632 *	14.03	132279	15.53
05	WC-20241213	226789	11.37	146502	14.03	54946 *	15.53
06	MW3-20241213DL	224739	11.37	136937	14.03	140691	15.53
07	ETGI-357	189803	11.37	118500 *	14.03	129732	15.53
08	WC-20241213MS	198273	11.38	126402	14.03	92913 *	15.53
09	WC-20241213MSD	183633	11.37	122848	14.03	89792 *	15.54
10	MW2-20241213	191963	11.37	119938 *	14.03	149451	15.52
11	VNJ210	191598	11.38	139633	14.02	147350	15.51
12	VNJ210MS	196663	11.38	132383	14.03	144485	15.52
13	VNJ210MSD	169814 *	11.38	117074 *	14.03	131273	15.54
14	VNJ281	137310 *	11.38	131870	14.03	133263	15.55
15	TP-5	125543 *	11.37	119080 *	14.03	91529 *	15.55
16	SOIL-VNJ-222	124733 *	11.38	132956	14.03	101662	15.52
17	HR-04-121624MS	167636 *	11.38	122820	14.03	99558 *	15.54
18	HR-04-121624MSD	196965	11.38	126111	14.04	110928	15.54
19	TR-06-12182024	121166 *	11.37	102279 *	14.03	77761 *	15.55
20	CHRT26634	75431 *	11.44	83894 *	14.06	75802 *	15.55
21	RB21198	120869 *	11.40	93204 *	14.07	79294 *	15.58

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140859.D Time Analyzed: 21:19

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	361848	11.375	241027	14.033	202727	15.545
UPPER LIMIT	723696	11.875	482054	14.533	405454	16.045
LOWER LIMIT	180924	10.875	120513.5	13.533	101363.5	15.045
EPA SAMPLE NO.						
22 HT2651	106218 *	11.40	82096 *	14.05	66926 *	15.56

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.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140918.D Time Analyzed: 12:04

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	341650	11.38	232895	14.033	172998	15.515
	UPPER LIMIT	683300	11.88	465790	14.533	345996	16.015
	LOWER LIMIT	170825	10.88	116447.5	13.533	86499	15.015
	EPA SAMPLE NO.						
01	PB165719BL	307565	11.38	207734	14.03	165067	15.53
02	PB165719BS	276523	11.38	202160	14.04	153304	15.54
03	PB165680TB	302044	11.37	232015	14.03	162327	15.55
04	CONCRETE-VNJ-222	194511	11.38	118632	14.03	132279	15.53
05	WC-20241213	226789	11.37	146502	14.03	54946 *	15.53
06	MW3-20241213DL	224739	11.37	136937	14.03	140691	15.53
07	ETGI-357	189803	11.37	118500	14.03	129732	15.53
08	WC-20241213MS	198273	11.38	126402	14.03	92913	15.53
09	WC-20241213MSD	183633	11.37	122848	14.03	89792	15.54
10	MW2-20241213	191963	11.37	119938	14.03	149451	15.52
11	VNJ210	191598	11.38	139633	14.02	147350	15.51
12	VNJ210MS	196663	11.38	132383	14.03	144485	15.52
13	VNJ210MSD	169814 *	11.38	117074	14.03	131273	15.54
14	VNJ281	137310 *	11.38	131870	14.03	133263	15.55
15	TP-5	125543 *	11.37	119080	14.03	91529	15.55
16	SOIL-VNJ-222	124733 *	11.38	132956	14.03	101662	15.52
17	HR-04-121624MS	167636 *	11.38	122820	14.03	99558	15.54
18	HR-04-121624MSD	196965	11.38	126111	14.04	110928	15.54
19	TR-06-12182024	121166 *	11.37	102279 *	14.03	77761 *	15.55
20	CHRT26634	75431 *	11.44	83894 *	14.06	75802 *	15.55
21	RB21198	120869 *	11.40	93204 *	14.07	79294 *	15.58

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF121924 SAS No.: BF121924 SDG NO.: BF121924

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BF140918.D Time Analyzed: 21:19

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	341650	11.38	232895	14.033	172998	15.515
UPPER LIMIT	683300	11.88	465790	14.533	345996	16.015
LOWER LIMIT	170825	10.88	116447.5	13.533	86499	15.015
EPA SAMPLE NO.						
22 HT2651	106218 *	11.40	82096 *	14.05	66926 *	15.56

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.: **BF121924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165719BS	n-Nitrosodimethylamine	50	47.4	ug/L	95				55	108	
	Pyridine	50	45.2	ug/L	90				29	97	
	Benzaldehyde	50	16.5	ug/L	33				10	162	
	Aniline	50	42.7	ug/L	85				10	130	
	Phenol	50	50.1	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	52.4	ug/L	105		*		62	103	
	2-Chlorophenol	50	53.7	ug/L	107				70	117	
	1,2-Dichlorobenzene	50	49.8	ug/L	100				72	102	
	1,3-Dichlorobenzene	50	49	ug/L	98				71	103	
	1,4-Dichlorobenzene	50	49.2	ug/L	98				76	103	
	Benzyl Alcohol	50	54.2	ug/L	108		*		36	93	
	2-Methylphenol	50	45.7	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	47.8	ug/L	96				65	100	
	Acetophenone	50	48.7	ug/L	97				60	104	
	3+4-Methylphenols	50	47	ug/L	94				67	106	
	N-Nitroso-di-n-propylamine	50	46.4	ug/L	93				57	107	
	Hexachloroethane	50	43.4	ug/L	87				76	118	
	Nitrobenzene	50	46	ug/L	92				58	106	
	Isophorone	50	51.8	ug/L	104		*		61	102	
	2-Nitrophenol	50	52.2	ug/L	104				70	115	
	2,4-Dimethylphenol	50	62.3	ug/L	125				42	142	
	bis(2-Chloroethoxy)methane	50	50.9	ug/L	102				58	109	
	2,4-Dichlorophenol	50	51.5	ug/L	103				66	115	
	1,2,4-Trichlorobenzene	50	46.7	ug/L	93				41	115	
	Benzoic acid	50	39	ug/L	78				10	125	
	Naphthalene	50	49.2	ug/L	98				64	107	
	4-Chloroaniline	50	35.5	ug/L	71				10	85	
	Hexachlorobutadiene	50	47.1	ug/L	94				69	101	
	Caprolactam	50	53.3	ug/L	107				58	128	
	4-Chloro-3-methylphenol	50	49.5	ug/L	99				65	114	
	2-Methylnaphthalene	50	48.2	ug/L	96				64	107	
	Hexachlorocyclopentadiene	100	60.2	ug/L	60				36	160	
	2,4,6-Trichlorophenol	50	50.4	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	48.5	ug/L	97				70	106	
	1,1-Biphenyl	50	51.3	ug/L	103		*		72	98	
	2-Chloronaphthalene	50	50.2	ug/L	100				59	106	
	2-Nitroaniline	50	51.8	ug/L	104				73	114	
	Dimethylphthalate	50	52.2	ug/L	104		*		64	103	
	Acenaphthylene	50	54.8	ug/L	110		*		79	103	
	2,6-Dinitrotoluene	50	50.3	ug/L	101				64	110	
	3-Nitroaniline	50	33.5	ug/L	67				28	100	
	Acenaphthene	50	51.1	ug/L	102				59	113	
	Total PAH	800	838.6	ug/L	105				59	113	
	2,4-Dinitrophenol	100	87.3	ug/L	87				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF121924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165719BS	4-Nitrophenol	100	84.2	ug/L	84				45	147	
	Dibenzofuran	50	50.3	ug/L	101				65	106	
	2,4-Dinitrotoluene	50	49.4	ug/L	99				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	99.7	ug/L	100				60	115	
	Diethylphthalate	50	51	ug/L	102				63	105	
	4-Chlorophenyl-phenylether	50	50.4	ug/L	101				61	104	
	Fluorene	50	50.5	ug/L	101				64	107	
	4-Nitroaniline	50	49.4	ug/L	99				55	125	
	4,6-Dinitro-2-methylphenol	50	52.5	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50	55.2	ug/L	110		*		61	109	
	Azobenzene	50	50.1	ug/L	100				59	106	
	4-Bromophenyl-phenylether	50	52.8	ug/L	106		*		73	103	
	Hexachlorobenzene	50	53.6	ug/L	107		*		73	106	
	Atrazine	50	66.1	ug/L	132		*		76	120	
	Pentachlorophenol	100	95.1	ug/L	95				47	114	
	Phenanthrene	50	54.5	ug/L	109				62	109	
	Anthracene	50	55.8	ug/L	112		*		65	110	
	Carbazole	50	52.7	ug/L	105				62	106	
	Di-n-butylphthalate	50	55.2	ug/L	110		*		64	106	
	Fluoranthene	50	53.6	ug/L	107				64	110	
	Benzidine	100	46.8	ug/L	47				10	94	
	Pyrene	50	49.2	ug/L	98				71	103	
	Butylbenzylphthalate	50	54.8	ug/L	110		*		61	105	
	3,3-Dichlorobenzidine	50	31.5	ug/L	63				43	108	
	Benzo(a)anthracene	50	50.5	ug/L	101				62	107	
	Chrysene	50	49.1	ug/L	98				61	108	
	bis(2-Ethylhexyl)phthalate	50	54	ug/L	108				59	110	
	Di-n-octyl phthalate	50	47.3	ug/L	95				52	139	
	Benzo(b)fluoranthene	50	49.1	ug/L	98				77	113	
	Benzo(k)fluoranthene	50	50.9	ug/L	102				77	105	
	Benzo(a)pyrene	50	54.9	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	56.9	ug/L	114		*		72	105	
	Dibenz(a,h)anthracene	50	56.3	ug/L	113				78	115	
	Benzo(g,h,i)perylene	50	52.2	ug/L	104				75	118	
	1,2,4,5-Tetrachlorobenzene	50	52	ug/L	104		*		72	101	
	1,4-Dioxane	50	37.6	ug/L	75				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.8	ug/L	104				63	116	
	1-Methylnaphthalene	50	45.4	ug/L	91				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW2-20241213

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF121924

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140928.D

Lab Sample ID: P5291-05

Instrument ID: BNA_F

Date Extracted: 12/17/2024

Matrix: (soil/water) Water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 16:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW2-20241213	P5291-05	BF140928.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HR-04-121624MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF121924

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140935.D

Lab Sample ID: P5301-03MS

Instrument ID: BNA_F

Date Extracted: 12/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 19:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HR-04-121624MS	P5301-03MS	BF140935.D	12/19/2024
HR-04-121624MSD	P5301-03MSD	BF140936.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOIL-VNJ-222

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF121924

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140934.D

Lab Sample ID: P5312-01

Instrument ID: BNA_F

Date Extracted: 12/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 18:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-VNJ-222	P5312-01	BF140934.D	12/19/2024
CONCRETE-VNJ-222	P5312-03	BF140922.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165719BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF121924

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140919.D

Lab Sample ID: PB165719BL

Instrument ID: BNA_F

Date Extracted: 12/18/2024

Matrix: (soil/water) water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 12:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165719BS	PB165719BS	BF140920.D	12/19/2024
PB165680TB	PB165680TB	BF140921.D	12/19/2024
WC-20241213	P5291-13	BF140923.D	12/19/2024
WC-20241213MS	P5291-13MS	BF140926.D	12/19/2024
WC-20241213MSD	P5291-13MSD	BF140927.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-06-12182024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF121924

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140937.D

Lab Sample ID: P5339-01

Instrument ID: BNA_F

Date Extracted: 12/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 20:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-06-12182024	P5339-01	BF140937.D	12/19/2024
CHRT26634	P5342-01	BF140938.D	12/19/2024
RB21198	P5342-05	BF140939.D	12/19/2024
HT2651	P5342-03	BF140940.D	12/19/2024
ETGI-357	P5337-01	BF140925.D	12/19/2024
VNJ210	P5343-01	BF140929.D	12/19/2024
VNJ210MS	P5343-01MS	BF140930.D	12/19/2024
VNJ210MSD	P5343-01MSD	BF140931.D	12/19/2024
VNJ281	P5343-03	BF140932.D	12/19/2024
TP-5	P5330-01	BF140933.D	12/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5301-03MS		Client Sample ID: HR-04-121624MS		DataFile: BF140935.D							
n-Nitrosodimethylamine	1100		950	ug/Kg	86				66	124	
Pyridine	1100		870	ug/Kg	79				45	119	
Benzaldehyde	1100		290	ug/Kg	26				10	86	
Aniline	1100		460	ug/Kg	42				10	88	
Phenol	1100		930	ug/Kg	85				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				54	125	
2-Chlorophenol	1100		940	ug/Kg	85				79	107	
1,2-Dichlorobenzene	1100		900	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1100		890	ug/Kg	81				62	101	
1,4-Dichlorobenzene	1100		910	ug/Kg	83				63	104	
Benzyl Alcohol	1100		950	ug/Kg	86				47	126	
2-Methylphenol	1100		890	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		910	ug/Kg	83				66	104	
N-Nitroso-di-n-propylamine	1100		910	ug/Kg	83				59	119	
Hexachloroethane	1100		860	ug/Kg	78				65	117	
Nitrobenzene	1100		940	ug/Kg	85				70	119	
Isophorone	1100		990	ug/Kg	90				76	122	
2-Nitrophenol	1100		990	ug/Kg	90				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				44	135	
bis(2-Chloroethoxy)methane	1100		990	ug/Kg	90				68	112	
2,4-Dichlorophenol	1100		940	ug/Kg	85				72	118	
1,2,4-Trichlorobenzene	1100		900	ug/Kg	82				57	103	
Benzoic acid	1100		700	ug/Kg	64				50	104	
Naphthalene	1100		930	ug/Kg	85				72	110	
4-Chloroaniline	1100		360	ug/Kg	33				10	91	
Hexachlorobutadiene	1100		900	ug/Kg	82				66	114	
Caprolactam	1100		860	ug/Kg	78				51	134	
4-Chloro-3-methylphenol	1100		790	ug/Kg	72				57	132	
2-Methylnaphthalene	1100		870	ug/Kg	79				59	123	
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		930	ug/Kg	85				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		960	ug/Kg	87				67	118	
2-Nitroaniline	1100		970	ug/Kg	88				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		890	ug/Kg	81				70	125	
3-Nitroaniline	1100		690	ug/Kg	63				30	99	
Acenaphthene	1100		990	ug/Kg	90				70	121	
Total PAH	17600	2164.5	17350	ug/Kg	99				70	121	
2,4-Dinitrophenol	2200		690	ug/Kg	31				10	155	
4-Nitrophenol	2200		1600	ug/Kg	73				45	133	
Dibenzofuran	1100		940	ug/Kg	85				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1780	ug/Kg	81				55	128	
2,4-Dinitrotoluene	1100		890	ug/Kg	81				55	128	
Diethylphthalate	1100		920	ug/Kg	84				70	112	
4-Chlorophenyl-phenylether	1100		890	ug/Kg	81				71	108	
Fluorene	1100		930	ug/Kg	85				68	116	
4-Nitroaniline	1100		720	ug/Kg	65				55	120	
4,6-Dinitro-2-methylphenol	1100		400	ug/Kg	36				10	160	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		930	ug/Kg	85				73	110	
4-Bromophenyl-phenylether	1100		910	ug/Kg	83				65	121	
Hexachlorobenzene	1100		930	ug/Kg	85				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		2000	ug/Kg	91				47	128	
Phenanthrene	1100	350	1200	ug/Kg	77				52	128	
Anthracene	1100	83.2	1100	ug/Kg	92				62	124	
Carbazole	1100		990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100	450	1300	ug/Kg	77				44	125	
Benzydine	2200		470	ug/Kg	21				10	119	
Pyrene	1100	350	1300	ug/Kg	86				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		690	ug/Kg	63				33	116	
Benzo(a)anthracene	1100	190	1100	ug/Kg	83				71	114	
Chrysene	1100	160	1100	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	1100	280	1400	ug/Kg	102				42	169	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1100	190	1000	ug/Kg	74				67	121	
Benzo(k)fluoranthene	1100	71.8	1100	ug/Kg	93				57	134	
Benzo(a)pyrene	1100	150	1100	ug/Kg	86				70	142	
Indeno(1,2,3-cd)pyrene	1100	80.9	1100	ug/Kg	93				40	129	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	88.6	1000	ug/Kg	83				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		800	ug/Kg	73				46	112	
2,3,4,6-Tetrachlorophenol	1100		940	ug/Kg	85				69	112	
1-Methylnaphthalene	1100		800	ug/Kg	73				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5301-03MSD		Client Sample ID: HR-04-121624MSD		DataFile: BF140936.D							
n-Nitrosodimethylamine	1100		940	ug/Kg	85		1		66	124	20
Pyridine	1100		890	ug/Kg	81		3		45	119	20
Benzaldehyde	1100		310	ug/Kg	28		7		10	86	20
Aniline	1100		500	ug/Kg	45		7		10	88	20
Phenol	1100		930	ug/Kg	85		0		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		0		54	125	20
2-Chlorophenol	1100		940	ug/Kg	85		0		79	107	20
1,2-Dichlorobenzene	1100		890	ug/Kg	81		1		61	105	20
1,3-Dichlorobenzene	1100		900	ug/Kg	82		1		62	101	20
1,4-Dichlorobenzene	1100		910	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1100		940	ug/Kg	85		1		47	126	20
2-Methylphenol	1100		880	ug/Kg	80		1		66	122	20
2,2-oxybis(1-Chloropropane)	1100		940	ug/Kg	85		1		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		880	ug/Kg	80		4		66	104	20
N-Nitroso-di-n-propylamine	1100		910	ug/Kg	83		0		59	119	20
Hexachloroethane	1100		810	ug/Kg	74		5		65	117	20
Nitrobenzene	1100		940	ug/Kg	85		0		70	119	20
Isophorone	1100		1000	ug/Kg	91		1		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		1		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		1		68	112	20
2,4-Dichlorophenol	1100		950	ug/Kg	86		1		72	118	20
1,2,4-Trichlorobenzene	1100		910	ug/Kg	83		1		57	103	20
Benzoic acid	1100		700	ug/Kg	64		0		50	104	20
Naphthalene	1100		950	ug/Kg	86		1		72	110	20
4-Chloroaniline	1100		440	ug/Kg	40		19		10	91	20
Hexachlorobutadiene	1100		930	ug/Kg	85		4		66	114	20
Caprolactam	1100		920	ug/Kg	84		7		51	134	20
4-Chloro-3-methylphenol	1100		820	ug/Kg	75		4		57	132	20
2-Methylnaphthalene	1100		910	ug/Kg	83		5		59	123	20
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1100		900	ug/Kg	82		10		72	117	20
2,4,5-Trichlorophenol	1100		850	ug/Kg	77		10		72	117	20
1,1-Biphenyl	1100		910	ug/Kg	83		9		75	113	20
2-Chloronaphthalene	1100		870	ug/Kg	79		10		67	118	20
2-Nitroaniline	1100		920	ug/Kg	84		5		69	127	20
Dimethylphthalate	1100		910	ug/Kg	83		9		70	113	20
Acenaphthylene	1100		980	ug/Kg	89		2		79	118	20
2,6-Dinitrotoluene	1100		830	ug/Kg	75		8		70	125	20
3-Nitroaniline	1100		780	ug/Kg	71		12		30	99	20
Acenaphthene	1100		950	ug/Kg	86		5		70	121	20
Total PAH	17600	2164.5	16660	ug/Kg	95		4		70	121	20
2,4-Dinitrophenol	2200		390	ug/Kg	18		53	*	10	155	20
4-Nitrophenol	2200		1700	ug/Kg	77		5		45	133	20
Dibenzofuran	1100		910	ug/Kg	83		2		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1680	ug/Kg	76		6		55	128	20
2,4-Dinitrotoluene	1100		850	ug/Kg	77		5		55	128	20
Diethylphthalate	1100		890	ug/Kg	81		4		70	112	20
4-Chlorophenyl-phenylether	1100		850	ug/Kg	77		5		71	108	20
Fluorene	1100		890	ug/Kg	81		5		68	116	20
4-Nitroaniline	1100		790	ug/Kg	72		10		55	120	20
4,6-Dinitro-2-methylphenol	1100		210	ug/Kg	19		62	*	10	160	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		950	ug/Kg	86		1		73	110	20
4-Bromophenyl-phenylether	1100		880	ug/Kg	80		4		65	121	20
Hexachlorobenzene	1100		880	ug/Kg	80		6		67	118	20
Atrazine	1100		1200	ug/Kg	109		0		79	127	20
Pentachlorophenol	2200		2200	ug/Kg	100		9		47	128	20
Phenanthrene	1100	350	1200	ug/Kg	77		0		52	128	20
Anthracene	1100	83.2	1000	ug/Kg	83		10		62	124	20
Carbazole	1100		990	ug/Kg	90		0		59	119	20
Di-n-butylphthalate	1100		980	ug/Kg	89		2		69	118	20
Fluoranthene	1100	450	1300	ug/Kg	77		0		44	125	20
Benzidine	2200		690	ug/Kg	31		38	*	10	119	20
Pyrene	1100	350	1200	ug/Kg	77		11		26	142	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		9		64	126	20
3,3-Dichlorobenzidine	1100		790	ug/Kg	72		13		33	116	20
Benzo(a)anthracene	1100	190	1100	ug/Kg	83		0		71	114	20
Chrysene	1100	160	1100	ug/Kg	85		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100	280	1400	ug/Kg	102		0		42	169	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	1100	190	980	ug/Kg	72		3		67	121	20
Benzo(k)fluoranthene	1100	71.8	970	ug/Kg	82		13		57	134	20
Benzo(a)pyrene	1100	150	1100	ug/Kg	86		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	80.9	1000	ug/Kg	84		10		40	129	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	1100	88.6	940	ug/Kg	77		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		910	ug/Kg	83		9		69	124	20
1,4-Dioxane	1100		830	ug/Kg	75		3		46	112	20
2,3,4,6-Tetrachlorophenol	1100		950	ug/Kg	86		1		69	112	20
1-Methylnaphthalene	1100		850	ug/Kg	77		5		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5343-01MS		Client Sample ID: VNJ210MS		DataFile: BF140930.D							
n-Nitrosodimethylamine	1200		1200	ug/Kg	100				66	124	
Pyridine	1200		1200	ug/Kg	100				45	119	
Benzaldehyde	1200		410	ug/Kg	34				10	86	
Aniline	1200		780	ug/Kg	65				10	88	
Phenol	1200		1300	ug/Kg	108				67	126	
bis(2-Chloroethyl)ether	1200		1400	ug/Kg	117				54	125	
2-Chlorophenol	1200		1400	ug/Kg	117	*			79	107	
1,2-Dichlorobenzene	1200		1300	ug/Kg	108	*			61	105	
1,3-Dichlorobenzene	1200		1200	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1200		1200	ug/Kg	100				63	104	
Benzyl Alcohol	1200		1400	ug/Kg	117				47	126	
2-Methylphenol	1200		1400	ug/Kg	117				66	122	
2,2-oxybis(1-Chloropropane)	1200		1400	ug/Kg	117	*			65	110	
Acetophenone	1200		1300	ug/Kg	108				75	111	
3+4-Methylphenols	1200		1200	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1200		1100	ug/Kg	92				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1200	ug/Kg	100				70	119	
Isophorone	1200		1300	ug/Kg	108				76	122	
2-Nitrophenol	1200		1300	ug/Kg	108				54	145	
2,4-Dimethylphenol	1200		1500	ug/Kg	125				44	135	
bis(2-Chloroethoxy)methane	1200		1200	ug/Kg	100				68	112	
2,4-Dichlorophenol	1200		1300	ug/Kg	108				72	118	
1,2,4-Trichlorobenzene	1200		1200	ug/Kg	100				57	103	
Benzoic acid	1200		980	ug/Kg	82				50	104	
Naphthalene	1200		1200	ug/Kg	100				72	110	
4-Chloroaniline	1200		440	ug/Kg	37				10	91	
Hexachlorobutadiene	1200		1200	ug/Kg	100				66	114	
Caprolactam	1200		1300	ug/Kg	108				51	134	
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100				57	132	
2-Methylnaphthalene	1200		1300	ug/Kg	108				59	123	
Hexachlorocyclopentadiene	2500		1400	ug/Kg	56				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1200	ug/Kg	100				75	113	
2-Chloronaphthalene	1200		1200	ug/Kg	100				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		1300	ug/Kg	108				70	113	
Acenaphthylene	1200		1400	ug/Kg	117				79	118	
2,6-Dinitrotoluene	1200		1200	ug/Kg	100				70	125	
3-Nitroaniline	1200		710	ug/Kg	59				30	99	
Acenaphthene	1200		1300	ug/Kg	108				70	121	
Total PAH	19200	2240.8	21500	ug/Kg	112				70	121	
2,4-Dinitrophenol	2500		2200	ug/Kg	88				10	155	
4-Nitrophenol	2500		1600	ug/Kg	64				45	133	
Dibenzofuran	1200		1200	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

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	2400		2400	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
Diethylphthalate	1200		1200	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200		1100	ug/Kg	92				68	116	
4-Nitroaniline	1200		1000	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117				10	160	
N-Nitrosodiphenylamine	1200		1500	ug/Kg	125	*			73	118	
Azobenzene	1200		1300	ug/Kg	108				73	110	
4-Bromophenyl-phenylether	1200		1400	ug/Kg	117				65	121	
Hexachlorobenzene	1200		1400	ug/Kg	117				67	118	
Atrazine	1200		1700	ug/Kg	142	*			79	127	
Pentachlorophenol	2500		2100	ug/Kg	84				47	128	
Phenanthrene	1200	210	1500	ug/Kg	108				52	128	
Anthracene	1200		1400	ug/Kg	117				62	124	
Carbazole	1200		1300	ug/Kg	108				59	119	
Di-n-butylphthalate	1200		1400	ug/Kg	117				69	118	
Fluoranthene	1200	360	1400	ug/Kg	87				44	125	
Benzydine	2500		830	ug/Kg	33				10	119	
Pyrene	1200	340	1400	ug/Kg	88				26	142	
Butylbenzylphthalate	1200		1200	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1200		690	ug/Kg	58				33	116	
Benzo(a)anthracene	1200	240	1400	ug/Kg	97				71	114	
Chrysene	1200	220	1400	ug/Kg	98				57	121	
bis(2-Ethylhexyl)phthalate	1200		1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200		1500	ug/Kg	125				23	175	
Benzo(b)fluoranthene	1200	260	1400	ug/Kg	95				67	121	
Benzo(k)fluoranthene	1200	80.8	1200	ug/Kg	93				57	134	
Benzo(a)pyrene	1200	240	1500	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	1200	140	1400	ug/Kg	105				40	129	
Dibenz(a,h)anthracene	1200		1300	ug/Kg	108				43	123	
Benzo(g,h,i)perylene	1200	150	1200	ug/Kg	88				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		1100	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100				69	112	
1-Methylnaphthalene	1200		1200	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5343-01MSD		Client Sample ID: VNJ210MSD					DataFile: BF140931.D				
n-Nitrosodimethylamine	1200		1100	ug/Kg	92		8		66	124	20
Pyridine	1200		1100	ug/Kg	92		8		45	119	20
Benzaldehyde	1200		370	ug/Kg	31		9		10	86	20
Aniline	1200		740	ug/Kg	62		5		10	88	20
Phenol	1200		1300	ug/Kg	108		0		67	126	20
bis(2-Chloroethyl)ether	1200		1300	ug/Kg	108		8		54	125	20
2-Chlorophenol	1200		1300	ug/Kg	108	*	8		79	107	20
1,2-Dichlorobenzene	1200		1300	ug/Kg	108	*	0		61	105	20
1,3-Dichlorobenzene	1200		1300	ug/Kg	108	*	8		62	101	20
1,4-Dichlorobenzene	1200		1300	ug/Kg	108	*	8		63	104	20
Benzyl Alcohol	1200		1400	ug/Kg	117		0		47	126	20
2-Methylphenol	1200		1300	ug/Kg	108		8		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1400	ug/Kg	117	*	0		65	110	20
Acetophenone	1200		1300	ug/Kg	108		0		75	111	20
3+4-Methylphenols	1200		1300	ug/Kg	108	*	8		66	104	20
N-Nitroso-di-n-propylamine	1200		1300	ug/Kg	108		16		59	119	20
Hexachloroethane	1200		1300	ug/Kg	108		16		65	117	20
Nitrobenzene	1200		1200	ug/Kg	100		0		70	119	20
Isophorone	1200		1300	ug/Kg	108		0		76	122	20
2-Nitrophenol	1200		1300	ug/Kg	108		0		54	145	20
2,4-Dimethylphenol	1200		1600	ug/Kg	133		6		44	135	20
bis(2-Chloroethoxy)methane	1200		1300	ug/Kg	108		8		68	112	20
2,4-Dichlorophenol	1200		1300	ug/Kg	108		0		72	118	20
1,2,4-Trichlorobenzene	1200		1200	ug/Kg	100		0		57	103	20
Benzoic acid	1200		990	ug/Kg	83		1		50	104	20
Naphthalene	1200		1300	ug/Kg	108		8		72	110	20
4-Chloroaniline	1200		450	ug/Kg	38		3		10	91	20
Hexachlorobutadiene	1200		1200	ug/Kg	100		0		66	114	20
Caprolactam	1200		1300	ug/Kg	108		0		51	134	20
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1200		1300	ug/Kg	108		0		59	123	20
Hexachlorocyclopentadiene	2500		1500	ug/Kg	60		7		10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108		8		72	117	20
2,4,5-Trichlorophenol	1200		1300	ug/Kg	108		16		72	117	20
1,1-Biphenyl	1200		1400	ug/Kg	117	*	16		75	113	20
2-Chloronaphthalene	1200		1300	ug/Kg	108		8		67	118	20
2-Nitroaniline	1200		1300	ug/Kg	108		8		69	127	20
Dimethylphthalate	1200		1300	ug/Kg	108		0		70	113	20
Acenaphthylene	1200		1400	ug/Kg	117		0		79	118	20
2,6-Dinitrotoluene	1200		1200	ug/Kg	100		0		70	125	20
3-Nitroaniline	1200		720	ug/Kg	60		2		30	99	20
Acenaphthene	1200		1300	ug/Kg	108		0		70	121	20
Total PAH	19200	2240.8	22100	ug/Kg	115		3		70	121	20
2,4-Dinitrophenol	2500		2100	ug/Kg	84		5		10	155	20
4-Nitrophenol	2500		1400	ug/Kg	56		13		45	133	20
Dibenzofuran	1200		1300	ug/Kg	108		8		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

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	2400		2400	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene	1200		1200	ug/Kg	100		0		55	128	20
Diethylphthalate	1200		1300	ug/Kg	108		8		70	112	20
4-Chlorophenyl-phenylether	1200		1200	ug/Kg	100		8		71	108	20
Fluorene	1200		1200	ug/Kg	100		8		68	116	20
4-Nitroaniline	1200		1000	ug/Kg	83		0		55	120	20
4,6-Dinitro-2-methylphenol	1200		1500	ug/Kg	125		7		10	160	20
N-Nitrosodiphenylamine	1200		1600	ug/Kg	133	*	6		73	118	20
Azobenzene	1200		1300	ug/Kg	108		0		73	110	20
4-Bromophenyl-phenylether	1200		1500	ug/Kg	125	*	7		65	121	20
Hexachlorobenzene	1200		1400	ug/Kg	117		0		67	118	20
Atrazine	1200		1700	ug/Kg	142	*	0		79	127	20
Pentachlorophenol	2500		2000	ug/Kg	80		5		47	128	20
Phenanthrene	1200	210	1600	ug/Kg	116		7		52	128	20
Anthracene	1200		1500	ug/Kg	125	*	7		62	124	20
Carbazole	1200		1200	ug/Kg	100		8		59	119	20
Di-n-butylphthalate	1200		1300	ug/Kg	108		8		69	118	20
Fluoranthene	1200	360	1400	ug/Kg	87		0		44	125	20
Benzidine	2500		1100	ug/Kg	44		29	*	10	119	20
Pyrene	1200	340	1500	ug/Kg	97		10		26	142	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		8		64	126	20
3,3-Dichlorobenzidine	1200		770	ug/Kg	64		10		33	116	20
Benzo(a)anthracene	1200	240	1500	ug/Kg	105		8		71	114	20
Chrysene	1200	220	1400	ug/Kg	98		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1300	ug/Kg	108		0		42	169	20
Di-n-octyl phthalate	1200		1600	ug/Kg	133		6		23	175	20
Benzo(b)fluoranthene	1200	260	1500	ug/Kg	103		8		67	121	20
Benzo(k)fluoranthene	1200	80.8	1400	ug/Kg	110		17		57	134	20
Benzo(a)pyrene	1200	240	1600	ug/Kg	113		7		70	142	20
Indeno(1,2,3-cd)pyrene	1200	140	1200	ug/Kg	88		18		40	129	20
Dibenz(a,h)anthracene	1200		1200	ug/Kg	100		8		43	123	20
Benzo(g,h,i)perylene	1200	150	1100	ug/Kg	79		11		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1400	ug/Kg	117		16		69	124	20
1,4-Dioxane	1200		1100	ug/Kg	92		0		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		0		69	112	20
1-Methylnaphthalene	1200		1200	ug/Kg	100		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5291-13MS		Client Sample ID: WC-20241213MS		DataFile: BF140926.D							
n-Nitrosodimethylamine	500	35.7	530	ug/L	106				10	130	
Pyridine	500		300	ug/L	60				10	109	
Benzaldehyde	500		54.6	ug/L	11				10	137	
Aniline	500		100	ug/L	20				10	130	
Phenol	500		450	ug/L	90				10	130	
bis(2-Chloroethyl)ether	500		540	ug/L	108				29	141	
2-Chlorophenol	500		540	ug/L	108				23	127	
1,2-Dichlorobenzene	500		520	ug/L	104				61	114	
1,3-Dichlorobenzene	500		520	ug/L	104				65	106	
1,4-Dichlorobenzene	500		510	ug/L	102				55	125	
Benzyl Alcohol	500		480	ug/L	96	*			31	94	
2-Methylphenol	500		510	ug/L	102				37	126	
2,2-oxybis(1-Chloropropane)	500		560	ug/L	112				36	141	
Acetophenone	500		500	ug/L	100				31	164	
3+4-Methylphenols	500		520	ug/L	104				31	127	
N-Nitroso-di-n-propylamine	500		550	ug/L	110				36	147	
Hexachloroethane	500		550	ug/L	110				49	110	
Nitrobenzene	500		500	ug/L	100				62	112	
Isophorone	500		550	ug/L	110				39	146	
2-Nitrophenol	500		560	ug/L	112				30	148	
2,4-Dimethylphenol	500		640	ug/L	128				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		530	ug/L	106				22	146	
1,2,4-Trichlorobenzene	500		500	ug/L	100				66	110	
Benzoic acid	500		360	ug/L	72				10	101	
Naphthalene	500		550	ug/L	103				17	157	
4-Chloroaniline	500		120	ug/L	24				10	95	
Hexachlorobutadiene	500		500	ug/L	100				52	125	
Caprolactam	500		390	ug/L	78				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		520	ug/L	104				38	146	
Hexachlorocyclopentadiene	1000		680	ug/L	68				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500		490	ug/L	98				71	111	
1,1-Biphenyl	500		540	ug/L	108				38	154	
2-Chloronaphthalene	500		530	ug/L	106				41	145	
2-Nitroaniline	500		470	ug/L	94				39	151	
Dimethylphthalate	500		530	ug/L	106				42	147	
Acenaphthylene	500		570	ug/L	114				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		82.5	ug/L	17				10	111	
Acenaphthene	500		550	ug/L	110				37	146	
Total PAH	8000	0	10460	ug/L	131				37	146	
2,4-Dinitrophenol	1000		880	ug/L	88				14	167	
4-Nitrophenol	1000		520	ug/L	52				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		480	ug/L	96				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		980	ug/L	98				50	142	
Diethylphthalate	500		500	ug/L	100				41	148	
4-Chlorophenyl-phenylether	500		510	ug/L	102				38	149	
Fluorene	500		500	ug/L	100				39	144	
4-Nitroaniline	500		260	ug/L	52				27	138	
4,6-Dinitro-2-methylphenol	500		540	ug/L	108				32	175	
N-Nitrosodiphenylamine	500		400	ug/L	80				40	150	
Azobenzene	500		450	ug/L	90				72	112	
4-Bromophenyl-phenylether	500		600	ug/L	120				42	151	
Hexachlorobenzene	500		600	ug/L	120	*			72	115	
Atrazine	500		120	ug/L	24				20	162	
Pentachlorophenol	1000		890	ug/L	89				25	139	
Phenanthrene	500		590	ug/L	118				40	147	
Anthracene	500		610	ug/L	122				41	146	
Carbazole	500		330	ug/L	66				37	154	
Di-n-butylphthalate	500		530	ug/L	106				40	151	
Fluoranthene	500		470	ug/L	94				42	146	
Benzidine	1000		0	ug/L	0	*			10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		530	ug/L	106				39	155	
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		520	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118				33	160	
Di-n-octyl phthalate	500		590	ug/L	118				36	158	
Benzo(b)fluoranthene	500		740	ug/L	148				40	150	
Benzo(k)fluoranthene	500		810	ug/L	162	*			40	147	
Benzo(a)pyrene	500		810	ug/L	162	*			42	147	
Indeno(1,2,3-cd)pyrene	500		900	ug/L	180	*			30	166	
Dibenz(a,h)anthracene	500		910	ug/L	182	*			23	172	
Benzo(g,h,i)perylene	500		860	ug/L	172	*			27	167	
1,2,4,5-Tetrachlorobenzene	500		550	ug/L	110	*			89	102	
1,4-Dioxane	500		480	ug/L	96				38	130	
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98				91	111	
1-Methylnaphthalene	500		500	ug/L	100				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5291-13MSD		Client Sample ID: WC-20241213MSD		DataFile: BF140927.D							
n-Nitrosodimethylamine	500	35.7	560	ug/L	112		6		10	130	20
Pyridine	500		290	ug/L	58		3		10	109	20
Benzaldehyde	500		54.7	ug/L	11		0		10	137	20
Aniline	500		100	ug/L	20		0		10	130	20
Phenol	500		460	ug/L	92		2		10	130	20
bis(2-Chloroethyl)ether	500		560	ug/L	112		4		29	141	20
2-Chlorophenol	500		560	ug/L	112		4		23	127	20
1,2-Dichlorobenzene	500		540	ug/L	108		4		61	114	20
1,3-Dichlorobenzene	500		540	ug/L	108	*	4		65	106	20
1,4-Dichlorobenzene	500		540	ug/L	108		6		55	125	20
Benzyl Alcohol	500		490	ug/L	98	*	2		31	94	20
2-Methylphenol	500		530	ug/L	106		4		37	126	20
2,2-oxybis(1-Chloropropane)	500		570	ug/L	114		2		36	141	20
Acetophenone	500		560	ug/L	112		11		31	164	20
3+4-Methylphenols	500		530	ug/L	106		2		31	127	20
N-Nitroso-di-n-propylamine	500		550	ug/L	110		0		36	147	20
Hexachloroethane	500		540	ug/L	108		2		49	110	20
Nitrobenzene	500		520	ug/L	104		4		62	112	20
Isophorone	500		570	ug/L	114		4		39	146	20
2-Nitrophenol	500		570	ug/L	114		2		30	148	20
2,4-Dimethylphenol	500		680	ug/L	136		6		17	143	20
bis(2-Chloroethoxy)methane	500		550	ug/L	110		4		39	143	20
2,4-Dichlorophenol	500		560	ug/L	112		6		22	146	20
1,2,4-Trichlorobenzene	500		530	ug/L	106		6		66	110	20
Benzoic acid	500		380	ug/L	76		5		10	101	20
Naphthalene	500		580	ug/L	109		6		17	157	20
4-Chloroaniline	500		97.1	ug/L	19		23	*	10	95	20
Hexachlorobutadiene	500		540	ug/L	108		8		52	125	20
Caprolactam	500		420	ug/L	84		7		10	130	20
4-Chloro-3-methylphenol	500		530	ug/L	106		10		17	148	20
2-Methylnaphthalene	500		560	ug/L	112		7		38	146	20
Hexachlorocyclopentadiene	1000		700	ug/L	70		3		20	153	20
2,4,6-Trichlorophenol	500		500	ug/L	100		4		78	112	20
2,4,5-Trichlorophenol	500		470	ug/L	94		4		71	111	20
1,1-Biphenyl	500		540	ug/L	108		0		38	154	20
2-Chloronaphthalene	500		530	ug/L	106		0		41	145	20
2-Nitroaniline	500		480	ug/L	96		2		39	151	20
Dimethylphthalate	500		550	ug/L	110		4		42	147	20
Acenaphthylene	500		590	ug/L	118		3		40	141	20
2,6-Dinitrotoluene	500		520	ug/L	104		4		43	148	20
3-Nitroaniline	500		78.3	ug/L	16		6		10	111	20
Acenaphthene	500		550	ug/L	110		0		37	146	20
Total PAH	8000	0	10960	ug/L	137		4		37	146	20
2,4-Dinitrophenol	1000		960	ug/L	96		9		14	167	20
4-Nitrophenol	1000		520	ug/L	52		0		10	130	20
Dibenzofuran	500		540	ug/L	108		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		510	ug/L	102		6		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103		5		50	142	20
Diethylphthalate	500		500	ug/L	100		0		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		0		38	149	20
Fluorene	500		510	ug/L	102		2		39	144	20
4-Nitroaniline	500		270	ug/L	54		4		27	138	20
4,6-Dinitro-2-methylphenol	500		620	ug/L	124		14		32	175	20
N-Nitrosodiphenylamine	500		460	ug/L	92		14		40	150	20
Azobenzene	500		490	ug/L	98		9		72	112	20
4-Bromophenyl-phenylether	500		610	ug/L	122		2		42	151	20
Hexachlorobenzene	500		600	ug/L	120	*	0		72	115	20
Atrazine	500		140	ug/L	28		15		20	162	20
Pentachlorophenol	1000		940	ug/L	94		5		25	139	20
Phenanthrene	500		610	ug/L	122		3		40	147	20
Anthracene	500		620	ug/L	124		2		41	146	20
Carbazole	500		340	ug/L	68		3		37	154	20
Di-n-butylphthalate	500		570	ug/L	114		7		40	151	20
Fluoranthene	500		520	ug/L	104		10		42	146	20
Benzidine	1000			ug/L	0	*			10	130	20
Pyrene	500		520	ug/L	104		0		41	149	20
Butylbenzylphthalate	500		540	ug/L	108		2		39	155	20
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	20
Benzo(a)anthracene	500		550	ug/L	110		0		41	147	20
Chrysene	500		570	ug/L	114		9		44	144	20
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118		0		33	160	20
Di-n-octyl phthalate	500		630	ug/L	126		7		36	158	20
Benzo(b)fluoranthene	500		780	ug/L	156	*	5		40	150	20
Benzo(k)fluoranthene	500		720	ug/L	144		12		40	147	20
Benzo(a)pyrene	500		840	ug/L	168	*	4		42	147	20
Indeno(1,2,3-cd)pyrene	500		1000	ug/L	200	*	11		30	166	20
Dibenz(a,h)anthracene	500		1100	ug/L	220	*	19		23	172	20
Benzo(g,h,i)perylene	500		900	ug/L	180	*	5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		530	ug/L	106	*	4		89	102	20
1,4-Dioxane	500		500	ug/L	100		4		38	130	20
2,3,4,6-Tetrachlorophenol	500		500	ug/L	100		2		91	111	20
1-Methylnaphthalene	500		530	ug/L	106		6		25	151	20

Surrogate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5291-05	MW2-20241213	BF140928.D	2-Fluorophenol	150	64.96	43		10	139
			Phenol-d6	150	39.99	27		10	134
			Nitrobenzene-d5	100	102.45	102		49	133
			2-Fluorobiphenyl	100	110.28	110		52	132
			2,4,6-Tribromophenol	150	164.40	110		44	137
			Terphenyl-d14	100	107.79	108		48	125
P5291-06DL	MW3-20241213DL	BF140924.D	2-Fluorophenol	150	54.81	37		10	139
			Phenol-d6	150	33.17	22		10	134
			Nitrobenzene-d5	100	94.57	95		49	133
			2-Fluorobiphenyl	100	103.87	104		52	132
			2,4,6-Tribromophenol	150	135.53	90		44	137
			Terphenyl-d14	100	107.27	107		48	125

Surrogate Summary

SW-846

SDG No.: **BF121924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5301-03MS	HR-04-121624MS	BF140935.D	2-Fluorophenol	150	94.37	63		18	112
			Phenol-d6	150	89.69	60		15	107
			Nitrobenzene-d5	100	67.09	67		18	107
			2-Fluorobiphenyl	100	64.75	65		20	109
			2,4,6-Tribromophenol	150	91.93	61		10	116
			Terphenyl-d14	100	57.58	58		10	105
P5301-03MSD	HR-04-121624MSLBF140936.D		2-Fluorophenol	150	95.71	64		18	112
			Phenol-d6	150	89.26	60		15	107
			Nitrobenzene-d5	100	68.28	68		18	107
			2-Fluorobiphenyl	100	56.69	57		20	109
			2,4,6-Tribromophenol	150	84.48	56		10	116
			Terphenyl-d14	100	56.30	56		10	105

Surrogate Summary

SW-846

SDG No.: **BF121924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5312-01	SOIL-VNJ-222	BF140934.D	2-Fluorophenol	150	73.98	49		18	112
			Phenol-d6	150	78.71	52		15	107
			Nitrobenzene-d5	100	59.10	59		18	107
			2-Fluorobiphenyl	100	60.27	60		20	109
			2,4,6-Tribromophenol	150	42.96	29		10	116
			Terphenyl-d14	100	43.26	43		10	105
P5312-03	CONCRETE-VNJ-2	BF140922.D	2-Fluorophenol	150	58.81	39		18	112
			Phenol-d6	150	71.37	48		15	107
			Nitrobenzene-d5	100	57.03	57		18	107
			2-Fluorobiphenyl	100	56.31	56		20	109
			2,4,6-Tribromophenol	150	40.22	27		10	116
			Terphenyl-d14	100	55.77	56		10	105

Surrogate Summary

SW-846

SDG No.: **BF121924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5291-13	WC-20241213	BF140923.D	2-Fluorophenol	150	136.89	91		10	139
			Phenol-d6	150	130.35	87		10	134
			Nitrobenzene-d5	100	111.71	112		49	133
			2-Fluorobiphenyl	100	110.72	111		52	132
			2,4,6-Tribromophenol	150	156.01	104		44	137
			Terphenyl-d14	100	113.42	113		48	125
P5291-13MS	WC-20241213MS	BF140926.D	2-Fluorophenol	150	144.32	96		10	139
			Phenol-d6	150	130.77	87		10	134
			Nitrobenzene-d5	100	102.98	103		49	133
			2-Fluorobiphenyl	100	103.28	103		52	132
			2,4,6-Tribromophenol	150	136.45	91		44	137
			Terphenyl-d14	100	108.33	108		48	125
P5291-13MSD	WC-20241213MSD	BF140927.D	2-Fluorophenol	150	179.44	120		10	139
			Phenol-d6	150	134.71	90		10	134
			Nitrobenzene-d5	100	109.24	109		49	133
			2-Fluorobiphenyl	100	100.94	101		52	132
			2,4,6-Tribromophenol	150	141.95	95		44	137
			Terphenyl-d14	100	104.84	105		48	125
PB165680TB	PB165680TB	BF140921.D	2-Fluorophenol	150	159.32	106		10	139
			Phenol-d6	150	151.89	101		10	134
			Nitrobenzene-d5	100	92.30	92		49	133
			2-Fluorobiphenyl	100	100.47	100		52	132
			2,4,6-Tribromophenol	150	143.59	96		44	137
			Terphenyl-d14	100	91.65	92		48	125
PB165719BL	PB165719BL	BF140919.D	2-Fluorophenol	150	157.10	105		10	139
			Phenol-d6	150	153.04	102		10	134
			Nitrobenzene-d5	100	106.81	107		49	133
			2-Fluorobiphenyl	100	100.38	100		52	132
			2,4,6-Tribromophenol	150	147.38	98		44	137
			Terphenyl-d14	100	102.65	103		48	125
PB165719BS	PB165719BS	BF140920.D	2-Fluorophenol	150	143.60	96		10	139
			Phenol-d6	150	141.40	94		10	134
			Nitrobenzene-d5	100	95.45	95		49	133
			2-Fluorobiphenyl	100	99.49	99		52	132
			2,4,6-Tribromophenol	150	149.10	99		44	137
			Terphenyl-d14	100	102.13	102		48	125

Surrogate Summary

SW-846

SDG No.: **BF121924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5330-01	TP-5	BF140933.D	2-Fluorophenol	150	68.99	46		18	112
			Phenol-d6	150	73.44	49		15	107
			Nitrobenzene-d5	100	54.77	55		18	107
			2-Fluorobiphenyl	100	63.82	64		20	109
			2,4,6-Tribromophenol	150	78.17	52		10	116
			Terphenyl-d14	100	55.39	55		10	105
P5337-01	ETGI-357	BF140925.D	2-Fluorophenol	150	71.35	48		18	112
			Phenol-d6	150	86.45	58		15	107
			Nitrobenzene-d5	100	69.93	70		18	107
			2-Fluorobiphenyl	100	61.37	61		20	109
			2,4,6-Tribromophenol	150	44.28	30		10	116
			Terphenyl-d14	100	68.06	68		10	105
P5339-01	TR-06-12182024	BF140937.D	2-Fluorophenol	150	121.56	81		18	112
			Phenol-d6	150	108.19	72		15	107
			Nitrobenzene-d5	100	72.85	73		18	107
			2-Fluorobiphenyl	100	68.72	69		20	109
			2,4,6-Tribromophenol	150	105.29	70		10	116
			Terphenyl-d14	100	59.41	59		10	105
P5342-01	CHRT26634	BF140938.D	2-Fluorophenol	150	81.66	54		18	112
			Phenol-d6	150	81.72	54		15	107
			Nitrobenzene-d5	100	53.78	54		18	107
			2-Fluorobiphenyl	100	53.08	53		20	109
			2,4,6-Tribromophenol	150	70.59	47		10	116
			Terphenyl-d14	100	45.14	45		10	105
P5342-03	HT2651	BF140940.D	2-Fluorophenol	150	130.26	87		18	112
			Phenol-d6	150	116.03	77		15	107
			Nitrobenzene-d5	100	73.38	73		18	107
			2-Fluorobiphenyl	100	91.06	91		20	109
			2,4,6-Tribromophenol	150	108.33	72		10	116
			Terphenyl-d14	100	90.46	90		10	105
P5342-05	RB21198	BF140939.D	2-Fluorophenol	150	98.66	66		18	112
			Phenol-d6	150	102.12	68		15	107
			Nitrobenzene-d5	100	60.16	60		18	107
			2-Fluorobiphenyl	100	60.44	60		20	109
			2,4,6-Tribromophenol	150	90.39	60		10	116
			Terphenyl-d14	100	58.06	58		10	105
P5343-01	VNJ210	BF140929.D	2-Fluorophenol	150	130.89	87		18	112
			Phenol-d6	150	128.65	86		15	107
			Nitrobenzene-d5	100	80.91	81		18	107
			2-Fluorobiphenyl	100	91.21	91		20	109
			2,4,6-Tribromophenol	150	121.17	81		10	116
			Terphenyl-d14	100	62.58	63		10	105
P5343-01MS	VNJ210MS	BF140930.D	2-Fluorophenol	150	112.77	75		18	112
			Phenol-d6	150	111.03	74		15	107
			Nitrobenzene-d5	100	70.76	71		18	107
			2-Fluorobiphenyl	100	63.18	63		20	109
			2,4,6-Tribromophenol	150	92.36	62		10	116
			Terphenyl-d14	100	51.88	52		10	105
P5343-01MSD	VNJ210MSD	BF140931.D	2-Fluorophenol	150	107.21	71		18	112

Surrogate Summary

SW-846

SDG No.: BF121924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5343-01MSD	VNJ210MSD	BF140931.D	Phenol-d6	150	106.08	71		15	107
			Nitrobenzene-d5	100	71.97	72		18	107
			2-Fluorobiphenyl	100	72.51	73		20	109
			2,4,6-Tribromophenol	150	94.17	63		10	116
			Terphenyl-d14	100	55.33	55		10	105
P5343-03	VNJ281	BF140932.D	2-Fluorophenol	150	88.77	59		18	112
			Phenol-d6	150	79.06	53		15	107
			Nitrobenzene-d5	100	50.48	50		18	107
			2-Fluorobiphenyl	100	61.37	61		20	109
			2,4,6-Tribromophenol	150	72.92	49		10	116
			Terphenyl-d14	100	42.11	42		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF121924

Lab Code: CHEM

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140917.D

DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (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	BF140918.D	12/19/2024	11:38
PB165719BL	PB165719BL	BF140919.D	12/19/2024	12:04
PB165719BS	PB165719BS	BF140920.D	12/19/2024	12:30
PB165680TB	PB165680TB	BF140921.D	12/19/2024	12:56
CONCRETE-VNJ-222	P5312-03	BF140922.D	12/19/2024	13:29
WC-20241213	P5291-13	BF140923.D	12/19/2024	13:55
MW3-20241213DL	P5291-06DL	BF140924.D	12/19/2024	14:21
ETGI-357	P5337-01	BF140925.D	12/19/2024	14:47
WC-20241213MS	P5291-13MS	BF140926.D	12/19/2024	15:13
WC-20241213MSD	P5291-13MSD	BF140927.D	12/19/2024	15:39
MW2-20241213	P5291-05	BF140928.D	12/19/2024	16:05
VNJ210	P5343-01	BF140929.D	12/19/2024	16:31
VNJ210MS	P5343-01MS	BF140930.D	12/19/2024	16:57
VNJ210MSD	P5343-01MSD	BF140931.D	12/19/2024	17:23
VNJ281	P5343-03	BF140932.D	12/19/2024	17:49
TP-5	P5330-01	BF140933.D	12/19/2024	18:15
SOIL-VNJ-222	P5312-01	BF140934.D	12/19/2024	18:41
HR-04-121624MS	P5301-03MS	BF140935.D	12/19/2024	19:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF121924

Lab Code: CHEM

SAS No.: BF121924 SDG NO.: BF121924

Lab File ID: BF140917.D

DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (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
HR-04-121624MSD	P5301-03MSD	BF140936.D	12/19/2024	19:34
TR-06-12182024	P5339-01	BF140937.D	12/19/2024	20:00
CHRT26634	P5342-01	BF140938.D	12/19/2024	20:26
RB21198	P5342-05	BF140939.D	12/19/2024	20:52
HT2651	P5342-03	BF140940.D	12/19/2024	21:19