

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG No.: BF081424

Instrument ID: BNA_F Calibration Date/Time: 8/14/2024 12:03

Lab File ID: BF138988.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	0.818	0.925		13.081	
Pyridine	1.374	1.276		-7.132	
2-Fluorophenol	1.296	1.279		-1.312	
Benzaldehyde	1.043	0.855		-18.025	
Aniline	1.551	1.483		-4.384	
Phenol-d6	1.740	1.703		-2.126	
Phenol	1.832	1.763		-3.714	20.0
bis(2-Chloroethyl) ether	1.409	1.274		-9.581	
2-Chlorophenol	1.363	1.341		-1.614	
1,2-Dichlorobenzene	1.439	1.411		-1.946	
1,3-Dichlorobenzene	1.526	1.474		-3.408	
1,4-Dichlorobenzene	1.540	1.520		-1.299	20.0
Benzyl Alcohol	1.254	1.292		3.03	
2-Methylphenol	1.126	1.081		-3.996	
2,2-oxybis(1-Chloropropane)	2.426	2.134		-12.036	
Acetophenone	0.490	0.526		7.347	
3+4-Methylphenols	1.444	1.458		0.97	
n-Nitroso-di-n-propylamine	1.051	1.047	0.050	-0.381	
Nitrobenzene-d5	0.409	0.430		5.134	
Hexachloroethane	0.580	0.576		-0.69	
Nitrobenzene	0.416	0.434		4.327	
Isophorone	0.699	0.701		0.286	
2-Nitrophenol	0.179	0.179		0.0	20.0
2,4-Dimethylphenol	0.214	0.214		0.0	
bis(2-Chloroethoxy) methane	0.425	0.404		-4.941	
2,4-Dichlorophenol	0.275	0.280		1.818	20.0
1,2,4-Trichlorobenzene	0.318	0.321		0.943	
Benzoic acid	0.168	0.125		-25.595	
Naphthalene	1.053	1.057		0.38	
4-Chloroaniline	0.353	0.340		-3.683	
Hexachlorobutadiene	0.192	0.205		6.771	20.0
Caprolactam	0.082	0.089		8.537	
4-Chloro-3-methylphenol	0.315	0.334		6.032	20.0
2-Methylnaphthalene	0.665	0.681		2.406	
Hexachlorocyclopentadiene	0.120	0.104	0.050	-13.333	
2,4,6-Trichlorophenol	0.339	0.331		-2.36	20.0
2-Fluorobiphenyl	1.331	1.376		3.381	
2,4,5-Trichlorophenol	0.370	0.361		-2.432	
1,1-Biphenyl	1.566	1.563		-0.192	

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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	1.165	1.143		-1.888	
2-Nitroaniline	0.395	0.418		5.823	
Dimethylphthalate	1.279	1.330		3.987	
Acenaphthylene	1.652	1.626		-1.574	
2,6-Dinitrotoluene	0.289	0.299		3.46	
3-Nitroaniline	0.298	0.287		-3.691	
Acenaphthene	1.111	1.101		-0.9	20.0
2,4-Dinitrophenol	0.133	0.120	0.050	-9.774	
4-Nitrophenol	0.179	0.214	0.050	19.553	
Dibenzofuran	1.568	1.584		1.02	
2,4-Dinitrotoluene	0.368	0.393		6.793	
Diethylphthalate	1.213	1.324		9.151	
4-Chlorophenyl-phenylether	0.614	0.637		3.746	
Fluorene	1.249	1.314		5.204	
4-Nitroaniline	0.284	0.283		-0.352	
4,6-Dinitro-2-methylphenol	0.122	0.113		-7.377	
n-Nitrosodiphenylamine	0.625	0.622		-0.48	20.0
Azobenzene	1.345	1.362		1.264	
2,4,6-Tribromophenol	0.164	0.163		-0.61	
4-Bromophenyl-phenylether	0.217	0.212		-2.304	
Hexachlorobenzene	0.224	0.221		-1.339	
Atrazine	0.161	0.152		-5.59	
Pentachlorophenol	0.101	0.094		-6.931	20.0
Phenanthrene	1.030	1.031		0.097	
Anthracene	1.015	1.008		-0.69	
Carbazole	0.875	0.850		-2.857	
Di-n-butylphthalate	0.984	1.072		8.943	
Fluoranthene	0.961	0.935		-2.706	20.0
Benzidine	0.478	0.426		-10.879	
Pyrene	1.883	1.903		1.062	
Terphenyl-d14	1.195	1.229		2.845	
Butylbenzylphthalate	0.603	0.627		3.98	
3,3-Dichlorobenzidine	0.352	0.363		3.125	
Benzo(a)anthracene	1.377	1.316		-4.43	
Chrysene	1.243	1.276		2.655	
Bis(2-ethylhexyl)phthalate	0.883	0.812		-8.041	
Di-n-octyl phthalate	1.634	1.348		-17.503	20.0
Benzo(b)fluoranthene	1.240	1.293		4.274	
Benzo(k)fluoranthene	1.073	1.068		-0.466	

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Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG No.: BF081424

Instrument ID: BNA_F Calibration Date/Time: 8/14/2024 12:03

Lab File ID: BF138988.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	1.043	1.067		2.301	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.318		-8.025	
Dibenzo(a,h)anthracene	1.177	1.083		-7.986	
Benzo(g,h,i)perylene	1.221	1.091		-10.647	
1,2,4,5-Tetrachlorobenzene	0.556	0.560		0.719	
1,4-Dioxane	0.567	0.506		-10.758	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.275		-2.827	
1-Methylnaphthalene	0.652	0.671		2.914	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BL	SDG No.:	BF081424
Lab Sample ID:	PB162577BL	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
BF138989.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BL	SDG No.:	BF081424
Lab Sample ID:	PB162577BL	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
BF138989.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BL	SDG No.:	BF081424
Lab Sample ID:	PB162577BL	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
BF138989.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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	122.442		10-139		82	SPK: -150
13127-88-3	Phenol-d6	119.455		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.198		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	80.844		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BL	SDG No.:	BF081424
Lab Sample ID:	PB162577BL	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
BF138989.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.02		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	100.721		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37702	6.834				
1146-65-2	Naphthalene-d8	157691	8.116				
15067-26-2	Acenaphthene-d10	89172	9.869				
1517-22-2	Phenanthrene-d10	168032	11.357				
1719-03-5	Chrysene-d12	92406	13.998				
1520-96-3	Perylene-d12	75422	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.3	A			5.075	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BS	SDG No.:	BF081424
Lab Sample ID:	PB162577BS	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
BF138990.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.4		1	8	10	ug/L
110-86-1	Pyridine	32.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29.2		4	8	10	ug/L
62-53-3	Aniline	31.1		1.6	4	5	ug/L
108-95-2	Phenol	46.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.5		1.4	4	5	ug/L
98-86-2	Acetophenone	44.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.9		1	4	5	ug/L
98-95-3	Nitrobenzene	44.7		1.3	4	5	ug/L
78-59-1	Isophorone	46.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	31.5		5.5	8	10	ug/L
91-20-3	Naphthalene	44.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BS	SDG No.:	BF081424
Lab Sample ID:	PB162577BS	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
BF138990.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	48.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	88.3	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.3		0.81	4	5	ug/L
Total PAH	Total PAH	754		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	77.1		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	69.7		2	8	10	ug/L
132-64-9	Dibenzofuran	46.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	4	5	ug/L
86-73-7	Fluorene	48		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.3		0.89	4	5	ug/L
103-33-3	Azobenzene	47.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.5		1.1	4	5	ug/L
1912-24-9	Atrazine	52.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BS	SDG No.:	BF081424
Lab Sample ID:	PB162577BS	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
BF138990.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	64.3		1.9	8	10	ug/L
85-01-8	Phenanthrene	46.9		0.89	4	5	ug/L
120-12-7	Anthracene	48.6		1.1	4	5	ug/L
86-74-8	Carbazole	45.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	45.3		1.3	4	5	ug/L
92-87-5	Benzidine	11		4.1	8	10	ug/L
129-00-0	Pyrene	46.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.5		0.94	4	5	ug/L
218-01-9	Chrysene	46.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	52.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.839		10-139		85	SPK: -150
13127-88-3	Phenol-d6	126.6		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	87.222		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.27		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162577BS	SDG No.:	BF081424
Lab Sample ID:	PB162577BS	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
BF138990.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.166		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	103.25		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47842	6.834				
1146-65-2	Naphthalene-d8	194483	8.116				
15067-26-2	Acenaphthene-d10	111110	9.875				
1517-22-2	Phenanthrene-d10	188477	11.357				
1719-03-5	Chrysene-d12	93994	13.998				
1520-96-3	Perylene-d12	89767	15.463				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138991.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.2	U	98.2	310	370	ug/Kg
110-86-1	Pyridine	90.4	U	90.4	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.8	U	93.8	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.7	U	94.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.5	U	94.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.7	U	95.7	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.3	U	97.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.9	U	97.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.9	U	93.9	310	370	ug/Kg
95-48-7	2-Methylphenol	91.2	U	91.2	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.3	U	98.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.3	U	90.3	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.6	U	45.6	90.5	90.5	ug/Kg
67-72-1	Hexachloroethane	93.9	U	93.9	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.7	U	95.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.1	U	97.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.4	U	85.4	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.6	U	96.6	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.5	U	93.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.5	U	93.5	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.3	U	94.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138991.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.2	U	98.2	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.7	U	87.7	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.4	U	93.4	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.8	U	80.8	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.7	U	83.7	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.9	U	98.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.3	U	94.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.4	U	92.4	150	190	ug/Kg
208-96-8	Acenaphthylene	97.9	U	97.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.1	U	94.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.8	U	91.8	150	190	ug/Kg
Total PAH	Total PAH	1504.2	U	1504.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.5	U	95.5	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.5	U	97.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	191.6	U	191.6	150	380	ug/Kg
84-66-2	Diethylphthalate	90.6	U	90.6	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.9	U	96.9	150	190	ug/Kg
86-73-7	Fluorene	96.7	U	96.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.3	U	92.3	150	190	ug/Kg
103-33-3	Azobenzene	90.1	U	90.1	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.3	U	89.3	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.2	U	96.2	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138991.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.5	U	87.5	310	370	ug/Kg
85-01-8	Phenanthrene	95	U	95	150	190	ug/Kg
120-12-7	Anthracene	95.5	U	95.5	150	190	ug/Kg
86-74-8	Carbazole	90.9	U	90.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.4	U	95.4	150	190	ug/Kg
206-44-0	Fluoranthene	92.4	U	92.4	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	93.9	U	93.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	91.3	U	91.3	150	190	ug/Kg
218-01-9	Chrysene	90	U	90	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.8	U	91.8	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.5	U	93.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88.4	U	88.4	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.9	U	91.9	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.6	U	90.6	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.2	U	98.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.5	U	84.5	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.1	U	94.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.215		18-112		47	SPK: -150
13127-88-3	Phenol-d6	72.496		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	51.281		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	50.517		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138991.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.228		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	47.706		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39301	6.834				
1146-65-2	Naphthalene-d8	155513	8.116				
15067-26-2	Acenaphthene-d10	84689	9.869				
1517-22-2	Phenanthrene-d10	127667	11.357				
1719-03-5	Chrysene-d12	74161	13.998				
1520-96-3	Perylene-d12	66276	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.057	
000112-37-8	Undecanoic acid	75.8	J			11.874	
	unknown	13.857	J			13.857	
000630-06-8	Hexatriacontane	84.9	J			14.439	
000629-94-7	Heneicosane	90.9	J			14.745	
000629-99-2	Pentacosane	110	J			15.074	
000630-01-3	Hexacosane	81.8	J			15.874	
001560-78-7	2-Methyltetracosane	90.5	J			16.368	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B2-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.08	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
BF138992.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.4	U	97.4	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.3	U	98.3	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.3	U	97.3	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	97.5	97.5	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.1	U	92.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B2-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.08	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
BF138992.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.5	U	94.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.1	U	87.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.2	U	90.2	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.6	U	99.6	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.9	U	98.9	160	210	ug/Kg
Total PAH	Total PAH	1604.6	U	1604.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	97.7	U	97.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.5	U	99.5	160	210	ug/Kg
103-33-3	Azobenzene	97.1	U	97.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.2	U	96.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B2-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.08	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
BF138992.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.2	U	94.2	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.9	U	97.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.6	U	99.6	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.4	U	98.4	160	210	ug/Kg
218-01-9	Chrysene	96.9	U	96.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.9	U	98.9	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.2	U	95.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	U	99	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.7	U	97.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.1	U	91.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.573		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.445		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	87.427		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	85.445		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B2-COMP	SDG No.:	BF081424
Lab Sample ID:	P3474-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138992.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.631		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	73.917		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33042	6.834				
1146-65-2	Naphthalene-d8	135315	8.116				
15067-26-2	Acenaphthene-d10	72810	9.869				
1517-22-2	Phenanthrene-d10	108422	11.357				
1719-03-5	Chrysene-d12	61880	13.998				
1520-96-3	Perylene-d12	55831	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.128	
	unknown3.404	110	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	420	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.433	
	unknown9.957	110	J			9.957	
006222-03-3	Trifluoroacetoxy hexadecane	130	J			13.863	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724	SDG No.:	BF081424
Lab Sample ID:	P3512-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138993.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.4	U	52.4	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.1	U	98.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724	SDG No.:	BF081424
Lab Sample ID:	P3512-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138993.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.8	U	92.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.1	U	96.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1730	U	1730	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724	SDG No.:	BF081424
Lab Sample ID:	P3512-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138993.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97	U	97	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.476		18-112		60	SPK: -150
13127-88-3	Phenol-d6	91.033		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	63.46		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	64.046		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724	SDG No.:	BF081424
Lab Sample ID:	P3512-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138993.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.328		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	58.083		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34981	6.834				
1146-65-2	Naphthalene-d8	141093	8.116				
15067-26-2	Acenaphthene-d10	74684	9.863				
1517-22-2	Phenanthrene-d10	114755	11.351				
1719-03-5	Chrysene-d12	65176	13.998				
1520-96-3	Perylene-d12	58355	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.057	
000629-96-9	1-Eicosanol	100	J			13.857	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724-FD	SDG No.:	BF081424
Lab Sample ID:	P3512-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138994.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.8	U	51.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724-FD	SDG No.:	BF081424
Lab Sample ID:	P3512-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138994.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.5	U	99.5	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.7	U	91.7	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95	U	95	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1690	U	1690	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM		
Project:				Date Received:	8/7/2024 12:00:00 AM		
Client Sample ID:	931-KI-SD-0.5-1.0-080724-FD			SDG No.:	BF081424		
Lab Sample ID:	P3512-06			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	22.3		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138994.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.3	U	99.3	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.9	U	95.9	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.241		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.006		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.175		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	46.974		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0.5-1.0-080724-FD	SDG No.:	BF081424
Lab Sample ID:	P3512-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138994.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.748		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	42.373		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34757	6.834				
1146-65-2	Naphthalene-d8	136543	8.116				
15067-26-2	Acenaphthene-d10	74287	9.863				
1517-22-2	Phenanthrene-d10	111484	11.351				
1719-03-5	Chrysene-d12	64771	13.998				
1520-96-3	Perylene-d12	57351	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.057	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081424
Lab Sample ID:	P3543-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF138995.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081424
Lab Sample ID:	P3543-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF138995.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	894.3	U	894.3	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081424
Lab Sample ID:	P3543-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF138995.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.5	U	54.5	87.7	110	ug/Kg
218-01-9	Chrysene	53.7	U	53.7	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.8	U	62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.1	U	54.1	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	24.99	*	18-112		17	SPK: -150
13127-88-3	Phenol-d6	25.892		15-107		17	SPK: -150
4165-60-0	Nitrobenzene-d5	14.409	*	18-107		14	SPK: -100
321-60-8	2-Fluorobiphenyl	10.024	*	20-109		10	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081424
Lab Sample ID:	P3543-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF138995.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	15.825		10-116		11	SPK: -150
1718-51-0	Terphenyl-d14	13.167		10-105		13	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34762	6.834				
1146-65-2	Naphthalene-d8	140619	8.116				
15067-26-2	Acenaphthene-d10	68528	9.869				
1517-22-2	Phenanthrene-d10	91762	11.357				
1719-03-5	Chrysene-d12	62167	13.998				
1520-96-3	Perylene-d12	57139	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	52.9	J			8.44	
000544-76-3	Hexadecane	67.9	J			9.575	
	unknown9.957	650	J			9.957	
000593-49-7	Heptacosane	210	J			10.769	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	260	J			11.239	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	72-12017-72-11934	SDG No.:	BF081424
Lab Sample ID:	P3548-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138996.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

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	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	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	56.7	U	56.7	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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	72-12017-72-11934	SDG No.:	BF081424
Lab Sample ID:	P3548-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138996.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	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	794.6	U	794.6	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	51.3	U	51.3	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	51	U	51	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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	72-12017-72-11934	SDG No.:	BF081424
Lab Sample ID:	P3548-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138996.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

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	50.4	U	50.4	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	54.6	U	54.6	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	55.8	U	55.8	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	49.565		18-112		33	SPK: -150
13127-88-3	Phenol-d6	64.086		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	45.667		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	49.339		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	72-12017-72-11934	SDG No.:	BF081424
Lab Sample ID:	P3548-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138996.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	35.013		10-116		23	SPK: -150
1718-51-0	Terphenyl-d14	45.241		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34973	6.834				
1146-65-2	Naphthalene-d8	137225	8.116				
15067-26-2	Acenaphthene-d10	69312	9.869				
1517-22-2	Phenanthrene-d10	97739	11.351				
1719-03-5	Chrysene-d12	64519	13.998				
1520-96-3	Perylene-d12	54739	15.462				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081424
Lab Sample ID:	P3548-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF138997.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	85.9	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.1	U	60.1	85.9	110	ug/Kg
98-86-2	Acetophenone	57.5	U	57.5	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081424
Lab Sample ID:	P3548-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF138997.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	2130.6	U	876.1	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.7	U	76.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	85.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112	U	112	85.9	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.4	U	77.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081424
Lab Sample ID:	P3548-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF138997.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.1	U	51.1	180	220	ug/Kg
85-01-8	Phenanthrene	360		55.5	85.9	110	ug/Kg
120-12-7	Anthracene	71.8	J	55.8	85.9	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	450		54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	240		54.9	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	200		53.4	85.9	110	ug/Kg
218-01-9	Chrysene	170		52.6	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130		60.2	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.7	U	72.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	81.1	J	54.6	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	180		61.5	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62.9	J	51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.8	J	53	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.256		18-112		59	SPK: -150
13127-88-3	Phenol-d6	90.805		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	59.877		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	52.071		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081424
Lab Sample ID:	P3548-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138997.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.92		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	41.619		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36638	6.834				
1146-65-2	Naphthalene-d8	143446	8.116				
15067-26-2	Acenaphthene-d10	67062	9.863				
1517-22-2	Phenanthrene-d10	89927	11.351				
1719-03-5	Chrysene-d12	70837	13.998				
1520-96-3	Perylene-d12	56621	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	71	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	86.2	J			8.434	
	unknown9.957	45	J			9.957	
000203-64-5	4H-Cyclopenta[def]phenanthrene	55.1	J			11.969	
000192-97-2	Benzo[e]pyrene	110	J			15.339	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081424
Lab Sample ID:	P3548-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138998.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	220	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.6	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.6	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	56.6	U	56.6	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.6	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.6	U	56.6	88.6	120	ug/Kg
98-95-3	Nitrobenzene	61.9	U	61.9	88.6	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.5	U	58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.8	U	56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081424
Lab Sample ID:	P3548-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138998.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	59.6	U	59.6	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	55.7	U	55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	88.6	120	ug/Kg
Total PAH	Total PAH	903.3	U	903.3	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.5	U	115.5	88.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.6	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.6	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.8	U	79.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.8	U	53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.6	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.6	120	ug/Kg

Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM		
Project:				Date Received:	8/9/2024 12:00:00 AM		
Client Sample ID:	343			SDG No.:	BF081424		
Lab Sample ID:	P3548-06			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.1		
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
BF138998.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.3	U	57.3	88.6	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.6	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.6	120	ug/Kg
206-44-0	Fluoranthene	67	J	55.7	88.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.6	U	56.6	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.6	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.3	U	55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.4	U	63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	75	U	75	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.786		18-112		47	SPK: -150
13127-88-3	Phenol-d6	72.477		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	48.428		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	36.765		20-109		37	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081424
Lab Sample ID:	P3548-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138998.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.585		10-116		36	SPK: -150
1718-51-0	Terphenyl-d14	26.363		10-105		26	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33651	6.834				
1146-65-2	Naphthalene-d8	127810	8.116				
15067-26-2	Acenaphthene-d10	59239	9.863				
1517-22-2	Phenanthrene-d10	78912	11.351				
1719-03-5	Chrysene-d12	65211	13.998				
1520-96-3	Perylene-d12	52107	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	84.1	A			5.052	
000770-35-4	1-Phenoxypropan-2-ol	67.9	J			8.434	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081424
Lab Sample ID:	P3548-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF138999.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.1	U	59.1	180	220	ug/Kg
110-86-1	Pyridine	54.4	U	54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66	U	66	88.5	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.5	U	56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.5	120	ug/Kg
78-59-1	Isophorone	57.6	U	57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081424
Lab Sample ID:	P3548-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF138999.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	902.5	U	902.5	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.4	U	115.4	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.5	120	ug/Kg
86-73-7	Fluorene	58.2	U	58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081424
Lab Sample ID:	P3548-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF138999.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.6	J	57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	140		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	91.4	J	56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	74.4	J	55	88.5	120	ug/Kg
218-01-9	Chrysene	70.4	J	54.2	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	84.5	J	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	72.9	J	63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.1	U	59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	74.9	U	74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.027		18-112		49	SPK: -150
13127-88-3	Phenol-d6	78.621		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	52.6		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	44.584		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081424
Lab Sample ID:	P3548-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF138999.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.477		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	32.969		10-105		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31862	6.833				
1146-65-2	Naphthalene-d8	120375	8.116				
15067-26-2	Acenaphthene-d10	53545	9.863				
1517-22-2	Phenanthrene-d10	71083	11.351				
1719-03-5	Chrysene-d12	64025	13.998				
1520-96-3	Perylene-d12	48441	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.363	63.6	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	98.8	A			5.051	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	50	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	68.1	J			8.433	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081424
Lab Sample ID:	P3548-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139000.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.1	U	55.1	170	210	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	82.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.6	U	61.6	82.6	110	ug/Kg
108-95-2	Phenol	52.7	U	52.7	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.2	U	53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.7	U	53.7	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.6	U	54.6	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	52.7	U	52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	51.2	U	51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.7	U	57.7	82.6	110	ug/Kg
98-86-2	Acetophenone	55.2	U	55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	52.7	U	52.7	82.6	110	ug/Kg
98-95-3	Nitrobenzene	57.7	U	57.7	82.6	110	ug/Kg
78-59-1	Isophorone	53.7	U	53.7	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.2	U	59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.5	U	54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	82.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.5	U	52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	52.5	U	52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.9	U	52.9	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081424
Lab Sample ID:	P3548-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139000.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.1	U	55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.2	U	49.2	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.4	U	52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.1	U	99.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	55.5	U	55.5	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.9	U	52.9	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	60.3	U	60.3	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	51.9	U	51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	54.9	U	54.9	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.9	U	52.9	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	56.7	U	56.7	82.6	110	ug/Kg
83-32-9	Acenaphthene	51.5	U	51.5	82.6	110	ug/Kg
Total PAH	Total PAH	841.8	U	841.8	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.7	U	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	82.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.6	220	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.4	U	54.4	82.6	110	ug/Kg
86-73-7	Fluorene	54.3	U	54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.3	U	74.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.8	U	51.8	82.6	110	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.1	U	50.1	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.6	110	ug/Kg
1912-24-9	Atrazine	58.1	U	58.1	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081424
Lab Sample ID:	P3548-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139000.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.1	U	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	53.4	U	53.4	82.6	110	ug/Kg
120-12-7	Anthracene	53.6	U	53.6	82.6	110	ug/Kg
86-74-8	Carbazole	51	U	51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	82.6	110	ug/Kg
206-44-0	Fluoranthene	51.9	U	51.9	82.6	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.7	U	52.7	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.5	U	61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.6	U	62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	82.6	110	ug/Kg
218-01-9	Chrysene	50.5	U	50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.8	U	57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.9	U	69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.5	U	51.5	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.5	U	52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.1	U	59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.6	U	49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.6	U	51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.9	U	50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.1	U	55.1	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	69.9	U	69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.5	U	47.5	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.9	U	52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.905		18-112		37	SPK: -150
13127-88-3	Phenol-d6	55.011		15-107		37	SPK: -150
4165-60-0	Nitrobenzene-d5	37.156		18-107		37	SPK: -100
321-60-8	2-Fluorobiphenyl	30.922		20-109		31	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081424
Lab Sample ID:	P3548-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139000.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	41.566		10-116		28	SPK: -150
1718-51-0	Terphenyl-d14	22.984		10-105		23	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36362	6.834				
1146-65-2	Naphthalene-d8	140767	8.116				
15067-26-2	Acenaphthene-d10	62688	9.863				
1517-22-2	Phenanthrene-d10	86694	11.351				
1719-03-5	Chrysene-d12	73644	13.998				
1520-96-3	Perylene-d12	56352	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	59.7	A			5.051	
000770-35-4	1-Phenoxypropan-2-ol	77.5	J			8.434	
	unknown9.963	1500	J			9.963	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SU-04-080924	SDG No.:	BF081424
Lab Sample ID:	P3549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139001.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.7	U	91.7	290	350	ug/Kg
110-86-1	Pyridine	84.4	U	84.4	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.5	U	87.5	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.4	U	88.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.2	U	88.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.3	U	89.3	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.3	U	91.3	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.7	U	87.7	290	350	ug/Kg
95-48-7	2-Methylphenol	85.1	U	85.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	140	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.3	U	84.3	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.5	84.5	ug/Kg
67-72-1	Hexachloroethane	87.7	U	87.7	140	180	ug/Kg
98-95-3	Nitrobenzene	95.9	U	95.9	140	180	ug/Kg
78-59-1	Isophorone	89.3	U	89.3	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.8	U	99.8	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.4	U	98.4	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.6	U	90.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.7	U	79.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.2	U	90.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.2	U	87.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.2	U	87.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SU-04-080924	SDG No.:	BF081424
Lab Sample ID:	P3549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139001.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.7	U	91.7	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.8	U	81.8	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.1	U	87.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.4	U	75.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.1	U	78.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.3	U	92.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88	U	88	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.3	U	86.3	140	180	ug/Kg
208-96-8	Acenaphthylene	91.3	U	91.3	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.9	U	87.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.2	U	94.2	140	180	ug/Kg
83-32-9	Acenaphthene	85.6	U	85.6	140	180	ug/Kg
Total PAH	Total PAH	1399.2	U	1399.2	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.1	U	89.1	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	78.9	U	178.9	140	360	ug/Kg
84-66-2	Diethylphthalate	84.6	U	84.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	140	180	ug/Kg
86-73-7	Fluorene	90.3	U	90.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.2	U	86.2	140	180	ug/Kg
103-33-3	Azobenzene	84.1	U	84.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.3	U	83.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	140	180	ug/Kg
1912-24-9	Atrazine	96.5	U	96.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SU-04-080924	SDG No.:	BF081424
Lab Sample ID:	P3549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139001.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.6	U	81.6	290	350	ug/Kg
85-01-8	Phenanthrene	88.7	U	88.7	140	180	ug/Kg
120-12-7	Anthracene	89.1	U	89.1	140	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	140	180	ug/Kg
206-44-0	Fluoranthene	250		86.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	220		87.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	85.2	140	180	ug/Kg
218-01-9	Chrysene	140	J	84	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.1	U	96.1	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		85.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.2	U	87.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	98.2	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.5	U	82.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.7	U	85.7	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.6	U	84.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.7	U	91.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.9	U	78.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.9	U	87.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.046		18-112		39	SPK: -150
13127-88-3	Phenol-d6	53.493		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	43.061		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	44.339		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SU-04-080924	SDG No.:	BF081424
Lab Sample ID:	P3549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139001.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162631

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.059		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	49.566		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32959	6.834				
1146-65-2	Naphthalene-d8	111041	8.116				
15067-26-2	Acenaphthene-d10	48665	9.863				
1517-22-2	Phenanthrene-d10	90475	11.351				
1719-03-5	Chrysene-d12	53005	13.998				
1520-96-3	Perylene-d12	44467	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.046	
000112-04-9	Silane, trichlorooctadecyl-	96.5	J			9.786	
000112-40-3	Dodecane	150	J			10.286	
107770-99-0	3,5-Dimethyldodecane	97.2	J			10.504	
000629-92-5	Nonadecane	230	J			10.757	
000593-49-7	Heptacosane	170	J			11.204	
017312-57-1	Dodecane, 3-methyl-	75.7	J			11.233	
000544-76-3	Hexadecane	140	J			11.633	
002050-77-3	Decane, 1-iodo-	140	J			12.039	
000629-50-5	Tridecane	150	J			12.427	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL07RE	SDG No.:	BF081424
Lab Sample ID:	P3476-07RE	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
BF139002.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL07RE	SDG No.:	BF081424
Lab Sample ID:	P3476-07RE	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
BF139002.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL07RE	SDG No.:	BF081424
Lab Sample ID:	P3476-07RE	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
BF139002.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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	92.649		10-139		62	SPK: -150
13127-88-3	Phenol-d6	53.925		10-134		36	SPK: -150
4165-60-0	Nitrobenzene-d5	100.415		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	101.267		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL07RE	SDG No.:	BF081424
Lab Sample ID:	P3476-07RE	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
BF139002.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.472		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	110.237		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27189	6.834				
1146-65-2	Naphthalene-d8	93187	8.116				
15067-26-2	Acenaphthene-d10	42123	9.863				
1517-22-2	Phenanthrene-d10	79937	11.357				
1719-03-5	Chrysene-d12	52987	13.998				
1520-96-3	Perylene-d12	41690	15.463				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL06RE	SDG No.:	BF081424
Lab Sample ID:	P3476-05RE	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
BF139003.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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	4.7	J	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	35.5		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	5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	13.4		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	30.5		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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL06RE	SDG No.:	BF081424
Lab Sample ID:	P3476-05RE	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
BF139003.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL06RE	SDG No.:	BF081424
Lab Sample ID:	P3476-05RE	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
BF139003.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

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	60.159		10-139		40	SPK: -150
13127-88-3	Phenol-d6	34.335		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	78.172		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	88.52		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL06RE	SDG No.:	BF081424
Lab Sample ID:	P3476-05RE	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
BF139003.D	1	8/7/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.931		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	107.811		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30464	6.834				
1146-65-2	Naphthalene-d8	138299	8.116				
15067-26-2	Acenaphthene-d10	51885	9.869				
1517-22-2	Phenanthrene-d10	95379	11.357				
1719-03-5	Chrysene-d12	63161	13.998				
1520-96-3	Perylene-d12	47717	15.463				

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MS	SDG No.:	BF081424
Lab Sample ID:	P3466-02MS	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
BF139004.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	35		1.1	8.2	10.2	ug/L
110-86-1	Pyridine	16.2		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	22.7		1.6	4.1	5.1	ug/L
108-95-2	Phenol	18.2		0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.5		1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	45.7		0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	45.1		0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	43.5		0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	44.6		0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	40.4		1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	35.8		1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.3		1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	55.8		1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	32.7		1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	54.8		1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	40.8		1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	54.7		1.3	4.1	5.1	ug/L
78-59-1	Isophorone	56.8		1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	54.8		2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	54		1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	53.7		1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	49.5		0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	49.9		1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	11.6		5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	49.4		1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	25.5		1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	50.5		1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MS	SDG No.:	BF081424
Lab Sample ID:	P3466-02MS	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
BF139004.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9.3	J	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	44.6		0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	27.8		5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	56.6		0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	53.2		1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	51.6		0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	54.7		0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	60.6		1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	59.4		0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	57.6		1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	57.3		1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	43.8		1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	52.9		0.83	4.1	5.1	ug/L
Total PAH	Total PAH	876.4		17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	50.9		6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	36.7		2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	56.6		0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	59.6		1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.9		2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	60.4		1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	56.4		1	4.1	5.1	ug/L
86-73-7	Fluorene	57		0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	59.3		2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29.2		3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	50.9		0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	57.1		1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	49.2		0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	49.6		1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	59.9		1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MS	SDG No.:	BF081424
Lab Sample ID:	P3466-02MS	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
BF139004.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	E	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	56.1		0.91	4.1	5.1	ug/L
120-12-7	Anthracene	58.4		1.1	4.1	5.1	ug/L
86-74-8	Carbazole	61.8		1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	63.6		1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	67.2		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	54.2		1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	72.3		2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	52.4		1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	56.3		0.96	4.1	5.1	ug/L
218-01-9	Chrysene	53.6		0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.7		1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	47.4		2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	57.9		1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	61.7		1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	58.3		1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.7		1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.6		1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	42.5		1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	53.8		1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	23.5		1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.7		0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	44.8		0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.098		10-139		51	SPK: -150
13127-88-3	Phenol-d6	45.003		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	104.44		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	102.583		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MS	SDG No.:	BF081424
Lab Sample ID:	P3466-02MS	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
BF139004.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.909		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	114.503		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32155	6.834				
1146-65-2	Naphthalene-d8	113510	8.116				
15067-26-2	Acenaphthene-d10	51515	9.869				
1517-22-2	Phenanthrene-d10	97165	11.357				
1719-03-5	Chrysene-d12	61682	13.998				
1520-96-3	Perylene-d12	47286	15.462				

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MSD	SDG No.:	BF081424
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	950	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
BF139005.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	35.1		1.1	8.4	10.5	ug/L
110-86-1	Pyridine	16.3		1.6	4.2	5.3	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.4	10.5	ug/L
62-53-3	Aniline	24.5		1.7	4.2	5.3	ug/L
108-95-2	Phenol	18		0.98	4.2	5.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.1		1.3	4.2	5.3	ug/L
95-57-8	2-Chlorophenol	45.4		0.75	4.2	5.3	ug/L
95-50-1	1,2-Dichlorobenzene	45.6		0.93	4.2	5.3	ug/L
541-73-1	1,3-Dichlorobenzene	44.6		0.84	4.2	5.3	ug/L
106-46-7	1,4-Dichlorobenzene	45.1		0.88	4.2	5.3	ug/L
100-51-6	Benzyl Alcohol	40.1		1.7	8.4	10.5	ug/L
95-48-7	2-Methylphenol	36.1		1.2	4.2	5.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.4		1.4	4.2	5.3	ug/L
98-86-2	Acetophenone	57.3		1.2	4.2	5.3	ug/L
65794-96-9	3+4-Methylphenols	32.8		1.2	8.4	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.8		1.6	2.6	2.6	ug/L
67-72-1	Hexachloroethane	41.6		1.1	4.2	5.3	ug/L
98-95-3	Nitrobenzene	55.8		1.3	4.2	5.3	ug/L
78-59-1	Isophorone	57		1.2	4.2	5.3	ug/L
88-75-5	2-Nitrophenol	53.6		2.1	4.2	5.3	ug/L
105-67-9	2,4-Dimethylphenol	54.1		1.6	4.2	5.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55		1.1	4.2	5.3	ug/L
120-83-2	2,4-Dichlorophenol	51		0.93	4.2	5.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.1		1.2	4.2	5.3	ug/L
65-85-0	Benzoic acid	11.2		5.8	8.4	10.5	ug/L
91-20-3	Naphthalene	50.3		1.1	4.2	5.3	ug/L
106-47-8	4-Chloroaniline	29		1.4	4.2	5.3	ug/L
87-68-3	Hexachlorobutadiene	51.4		1.3	4.2	5.3	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MSD	SDG No.:	BF081424
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	950 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
BF139005.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	10.1	J	1.7	8.4	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	44.9		0.88	4.2	5.3	ug/L
91-57-6	2-Methylnaphthalene	49.2		1.2	4.2	5.3	ug/L
77-47-4	Hexachlorocyclopentadiene	29.5		5.3	8.4	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	56.9		0.94	4.2	5.3	ug/L
95-95-4	2,4,5-Trichlorophenol	55.9		1.1	4.2	5.3	ug/L
92-52-4	1,1-Biphenyl	52.6		0.96	4.2	5.3	ug/L
91-58-7	2-Chloronaphthalene	54.6		1	4.2	5.3	ug/L
88-74-4	2-Nitroaniline	63.1		1.5	4.2	5.3	ug/L
131-11-3	Dimethylphthalate	60.6		0.98	4.2	5.3	ug/L
208-96-8	Acenaphthylene	59.9		1.1	4.2	5.3	ug/L
606-20-2	2,6-Dinitrotoluene	56.3		1.3	4.2	5.3	ug/L
99-09-2	3-Nitroaniline	45.3		1.4	4.2	5.3	ug/L
83-32-9	Acenaphthene	55.3		0.85	4.2	5.3	ug/L
Total PAH	Total PAH	911.3		18.29	4.2	84.8	ug/L
51-28-5	2,4-Dinitrophenol	66.6		6.8	8.4	10.5	ug/L
100-02-7	4-Nitrophenol	37.9		2.1	8.4	10.5	ug/L
132-64-9	Dibenzofuran	57.7		0.98	4.2	5.3	ug/L
121-14-2	2,4-Dinitrotoluene	62.4		1.6	4.2	5.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7		2.9	4.2	10.6	ug/L
84-66-2	Diethylphthalate	61.8		1.1	4.2	5.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	57.7		1	4.2	5.3	ug/L
86-73-7	Fluorene	59.7		1	4.2	5.3	ug/L
100-01-6	4-Nitroaniline	62.8		2.1	4.2	5.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33.9		3.2	8.4	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.6		0.94	4.2	5.3	ug/L
103-33-3	Azobenzene	59.7		1.3	4.2	5.3	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		1	4.2	5.3	ug/L
118-74-1	Hexachlorobenzene	51.5		1.2	4.2	5.3	ug/L
1912-24-9	Atrazine	59.7		1.3	4.2	5.3	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MSD	SDG No.:	BF081424
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	950 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
BF139005.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.5	E	1.9	8.4	10.5	ug/L
85-01-8	Phenanthrene	58.3		0.94	4.2	5.3	ug/L
120-12-7	Anthracene	59.1		1.1	4.2	5.3	ug/L
86-74-8	Carbazole	64.6		1.2	4.2	5.3	ug/L
84-74-2	Di-n-butylphthalate	66.6		1.5	4.2	5.3	ug/L
206-44-0	Fluoranthene	69.4		1.4	4.2	5.3	ug/L
92-87-5	Benzidine	4.3	U	4.3	8.4	10.5	ug/L
129-00-0	Pyrene	55.8		1.1	4.2	5.3	ug/L
85-68-7	Butylbenzylphthalate	73.1		2.2	4.2	5.3	ug/L
91-94-1	3,3-Dichlorobenzidine	56.3		1.3	8.4	10.5	ug/L
56-55-3	Benzo(a)anthracene	57.1		0.99	4.2	5.3	ug/L
218-01-9	Chrysene	56.1		0.91	4.2	5.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.1		2	4.2	5.3	ug/L
117-84-0	Di-n-octyl phthalate	49.3		2.6	8.4	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	59.8		1.2	4.2	5.3	ug/L
207-08-9	Benzo(k)fluoranthene	66.8		1.3	4.2	5.3	ug/L
50-32-8	Benzo(a)pyrene	61.5		1.8	4.2	5.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.2		1.1	4.2	5.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.9		1.2	4.2	5.3	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		1.2	4.2	5.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	53.8		1.1	4.2	5.3	ug/L
123-91-1	1,4-Dioxane	24.1		1.3	4.2	5.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	59		0.83	4.2	5.3	ug/L
90-12-0	1-Methylnaphthalene	46.2		0.91	4.2	5.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	75.059		10-139		50	SPK: -150
13127-88-3	Phenol-d6	43.219		10-134		29	SPK: -150
4165-60-0	Nitrobenzene-d5	103.901		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	100.065		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224MSD	SDG No.:	BF081424
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	950 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
BF139005.D	1	8/5/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.585		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	112.737		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35424	6.834				
1146-65-2	Naphthalene-d8	122342	8.116				
15067-26-2	Acenaphthene-d10	56215	9.869				
1517-22-2	Phenanthrene-d10	107145	11.357				
1719-03-5	Chrysene-d12	69421	13.998				
1520-96-3	Perylene-d12	51366	15.462				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139006.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.9	U	95.9	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.5	U	99.5	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.6	U	99.6	320	400	ug/Kg
95-48-7	2-Methylphenol	96.7	U	96.7	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.8	U	95.8	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.4	U	48.4	96	96	ug/Kg
67-72-1	Hexachloroethane	99.6	U	99.6	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.6	U	90.6	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	99.1	U	99.1	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.1	U	99.1	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139006.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.7	U	85.7	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.8	U	88.8	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.8	U	99.8	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.3	U	97.3	160	200	ug/Kg
Total PAH	Total PAH	1579.8	U	1579.8	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.8	U	199.8	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	96.1	U	96.1	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.9	U	97.9	160	200	ug/Kg
103-33-3	Azobenzene	95.5	U	95.5	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.7	U	94.7	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139006.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.8	U	92.8	320	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.4	U	96.4	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	98	U	98	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	99.6	U	99.6	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	96.8	U	96.8	160	200	ug/Kg
218-01-9	Chrysene	95.4	U	95.4	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.3	U	97.3	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.1	U	99.1	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.7	U	93.7	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.4	U	97.4	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	U	96.1	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.6	U	89.6	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.8	U	99.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	47.648		18-112		32	SPK: -150
13127-88-3	Phenol-d6	44.793		15-107		30	SPK: -150
4165-60-0	Nitrobenzene-d5	33.163		18-107		33	SPK: -100
321-60-8	2-Fluorobiphenyl	27.074		20-109		27	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-0-0.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139006.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	51.405		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	30.816		10-105		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26356	6.834				
1146-65-2	Naphthalene-d8	88624	8.116				
15067-26-2	Acenaphthene-d10	40693	9.869				
1517-22-2	Phenanthrene-d10	80415	11.357				
1719-03-5	Chrysene-d12	55037	13.998				
1520-96-3	Perylene-d12	41958	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.046	
000770-35-4	1-Phenoxypropan-2-ol	85.6	J			8.439	
074339-53-0	Trichloroacetic acid, pentadecyl e	96	J			13.833	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139007.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93.1	U	93.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.6	U	96.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.5	U	97.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.3	U	97.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.7	U	96.7	310	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93	U	93	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47	U	47	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.6	U	98.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.5	U	99.5	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.3	U	96.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.3	U	96.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139007.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.3	U	90.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.1	U	97.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.2	U	95.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97	U	97	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	150	200	ug/Kg
Total PAH	Total PAH	1544.9	U	1544.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	310	380	ug/Kg
132-64-9	Dibenzofuran	98.4	U	98.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97	U	197	150	400	ug/Kg
84-66-2	Diethylphthalate	93.3	U	93.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.8	U	99.8	150	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.1	U	95.1	150	200	ug/Kg
103-33-3	Azobenzene	92.8	U	92.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.9	U	91.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.1	U	99.1	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139007.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.1	U	90.1	310	380	ug/Kg
85-01-8	Phenanthrene	97.9	U	97.9	150	200	ug/Kg
120-12-7	Anthracene	98.4	U	98.4	150	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	150	200	ug/Kg
206-44-0	Fluoranthene	210		95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	140	J	96.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	94	U	94	150	200	ug/Kg
218-01-9	Chrysene	92.6	U	92.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.3	U	96.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.3	U	93.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97	U	97	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.613		18-112		78	SPK: -150
13127-88-3	Phenol-d6	108.21		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	86.422		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	73.684		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524	SDG No.:	BF081424
Lab Sample ID:	P3475-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139007.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.492		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	81.84		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30152	6.834				
1146-65-2	Naphthalene-d8	98470	8.116				
15067-26-2	Acenaphthene-d10	45260	9.869				
1517-22-2	Phenanthrene-d10	90263	11.357				
1719-03-5	Chrysene-d12	59157	13.998				
1520-96-3	Perylene-d12	44596	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	80.8	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	A			5.057	
	unknown6.681	92.8	J			6.681	
000470-82-6	Eucalyptol	91.3	J			6.987	
000770-35-4	1-Phenoxypropan-2-ol	210	J			8.434	
	unknown9.957	160	J			9.957	
000112-37-8	Undecanoic acid	95.6	J			11.874	
1010351-87-0	Heptadecyl trifluoroacetate	350	J			13.827	
959085-66-6	Heptadecyl heptafluorobutyrate	250	J			14.463	
000301-02-0	9-Octadecenamide, (Z)-	210	J			14.733	
000124-25-4	Tetradecanal	110	J			14.892	
000192-97-2	Benzo[e]pyrene	82.7	J			15.339	
000630-04-6	Hentriacontane	130	J			15.874	
	unknown16.668	84.3	J			16.668	
	unknown16.951	82.7	J			16.951	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MS	SDG No.:	BF081424
Lab Sample ID:	P3475-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.08	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
BF139008.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2800		100	310	380	ug/Kg
110-86-1	Pyridine	1900		93	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	2000		96.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		97.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	2100		97.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		98.5	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2100		96.6	310	380	ug/Kg
95-48-7	2-Methylphenol	1900		93.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		110	150	200	ug/Kg
98-86-2	Acetophenone	2400		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		92.9	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2000		46.9	93.1	93.1	ug/Kg
67-72-1	Hexachloroethane	2000		96.6	150	200	ug/Kg
98-95-3	Nitrobenzene	2300		110	150	200	ug/Kg
78-59-1	Isophorone	2300		98.5	150	200	ug/Kg
88-75-5	2-Nitrophenol	2300		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		99.9	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		87.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2200		99.4	150	200	ug/Kg
65-85-0	Benzoic acid	1300		280	310	380	ug/Kg
91-20-3	Naphthalene	2100		96.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	800		96.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2300		96.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MS	SDG No.:	BF081424
Lab Sample ID:	P3475-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139008.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2000		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		90.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		96	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960		180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		83.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		86.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		96.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	2400		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2300		95.1	150	200	ug/Kg
208-96-8	Acenaphthylene	2400		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		96.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	1700		100	150	200	ug/Kg
83-32-9	Acenaphthene	2100		94.4	150	200	ug/Kg
Total PAH	Total PAH	36700		1543.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		280	310	380	ug/Kg
100-02-7	4-Nitrophenol	4100	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	2300		98.2	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4500		196.8	150	400	ug/Kg
84-66-2	Diethylphthalate	2400		93.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		99.6	150	200	ug/Kg
86-73-7	Fluorene	2300		99.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	2200		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		95	150	200	ug/Kg
103-33-3	Azobenzene	2200		92.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		91.8	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		98.9	150	200	ug/Kg
1912-24-9	Atrazine	2600		110	150	200	ug/Kg



Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MS	SDG No.:	BF081424
Lab Sample ID:	P3475-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139008.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3700	E	90	310	380	ug/Kg
85-01-8	Phenanthrene	2400		97.8	150	200	ug/Kg
120-12-7	Anthracene	2400		98.2	150	200	ug/Kg
86-74-8	Carbazole	2600		93.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2600		98.1	150	200	ug/Kg
206-44-0	Fluoranthene	3000		95.1	150	200	ug/Kg
92-87-5	Benzidine	1600		190	310	380	ug/Kg
129-00-0	Pyrene	2400		96.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2800		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2200		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2400		93.9	150	200	ug/Kg
218-01-9	Chrysene	2200		92.5	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		94.4	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		96.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2500		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		90.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		94.5	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		93.2	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1900		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		86.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		96.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.442		18-112		88	SPK: -150
13127-88-3	Phenol-d6	123.682		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	96.917		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	85.103		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MS	SDG No.:	BF081424
Lab Sample ID:	P3475-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139008.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.827		10-116		102	SPK: -150
1718-51-0	Terphenyl-d14	94.305		10-105		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30988	6.84				
1146-65-2	Naphthalene-d8	101717	8.116				
15067-26-2	Acenaphthene-d10	45061	9.869				
1517-22-2	Phenanthrene-d10	82982	11.357				
1719-03-5	Chrysene-d12	54235	13.998				
1520-96-3	Perylene-d12	41522	15.463				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MSD	SDG No.:	BF081424
Lab Sample ID:	P3475-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139009.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2900		100	310	380	ug/Kg
110-86-1	Pyridine	2000		93.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	1300		110	150	200	ug/Kg
108-95-2	Phenol	2100		96.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		97.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	2100		97.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2200		98.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2200		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2200		96.8	310	380	ug/Kg
95-48-7	2-Methylphenol	2000		94	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	150	200	ug/Kg
98-86-2	Acetophenone	2400		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	2000		93.1	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2200		47	93.3	93.3	ug/Kg
67-72-1	Hexachloroethane	2000		96.8	150	200	ug/Kg
98-95-3	Nitrobenzene	2400		110	150	200	ug/Kg
78-59-1	Isophorone	2300		98.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	2300		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2200		99.6	150	200	ug/Kg
65-85-0	Benzoic acid	1300		280	310	380	ug/Kg
91-20-3	Naphthalene	2200		96.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	850		96.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2300		97.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MSD	SDG No.:	BF081424
Lab Sample ID:	P3475-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139009.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2000		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		90.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		96.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930		180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		83.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		86.3	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2300		97.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	2500		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2400		95.3	150	200	ug/Kg
208-96-8	Acenaphthylene	2400		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		97	150	200	ug/Kg
99-09-2	3-Nitroaniline	1800		100	150	200	ug/Kg
83-32-9	Acenaphthene	2100		94.6	150	200	ug/Kg
Total PAH	Total PAH	36800		1546	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		280	310	380	ug/Kg
100-02-7	4-Nitrophenol	4100	E	140	310	380	ug/Kg
132-64-9	Dibenzofuran	2300		98.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4600		197	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		100	150	200	ug/Kg
84-66-2	Diethylphthalate	2400		93.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		99.8	150	200	ug/Kg
86-73-7	Fluorene	2300		99.7	150	200	ug/Kg
100-01-6	4-Nitroaniline	2300		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		95.2	150	200	ug/Kg
103-33-3	Azobenzene	2300		92.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		92	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		99.1	150	200	ug/Kg
1912-24-9	Atrazine	2600		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MSD	SDG No.:	BF081424
Lab Sample ID:	P3475-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139009.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3900	E	90.1	310	380	ug/Kg
85-01-8	Phenanthrene	2400		98	150	200	ug/Kg
120-12-7	Anthracene	2400		98.4	150	200	ug/Kg
86-74-8	Carbazole	2600		93.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2600		98.3	150	200	ug/Kg
206-44-0	Fluoranthene	3000		95.3	150	200	ug/Kg
92-87-5	Benzidine	1800		190	310	380	ug/Kg
129-00-0	Pyrene	2500		96.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	3000		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2500		94.1	150	200	ug/Kg
218-01-9	Chrysene	2300		92.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		94.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		96.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2400		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		91.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		94.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		93.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	2000		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		87.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1900		97	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.93		18-112		93	SPK: -150
13127-88-3	Phenol-d6	129.679		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	101.118		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	86.857		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MSD	SDG No.:	BF081424
Lab Sample ID:	P3475-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139009.D	1	8/6/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.598		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	98.738		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29660	6.834				
1146-65-2	Naphthalene-d8	99216	8.116				
15067-26-2	Acenaphthene-d10	44771	9.869				
1517-22-2	Phenanthrene-d10	83010	11.357				
1719-03-5	Chrysene-d12	51880	13.998				
1520-96-3	Perylene-d12	42398	15.462				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08	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
BF139010.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	95.5	U	95.5	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.1	U	99.1	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	99.9	U	99.9	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.3	U	99.3	320	390	ug/Kg
95-48-7	2-Methylphenol	96.4	U	96.4	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.4	U	95.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.7	95.7	ug/Kg
67-72-1	Hexachloroethane	99.3	U	99.3	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.3	U	90.3	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	98.8	U	98.8	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.8	U	98.8	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.6	U	99.6	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08	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
BF139010.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.7	U	92.7	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.7	U	98.7	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.4	U	85.4	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.5	U	88.5	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.6	U	99.6	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.7	U	97.7	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.5	U	99.5	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97	U	97	160	200	ug/Kg
Total PAH	Total PAH	1576.5	U	1576.5	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.5	U	199.5	160	400	ug/Kg
84-66-2	Diethylphthalate	95.8	U	95.8	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.6	U	97.6	160	200	ug/Kg
103-33-3	Azobenzene	95.2	U	95.2	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.4	U	94.4	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM		
Project:				Date Received:	8/7/2024 12:00:00 AM		
Client Sample ID:	SP-1-COMP			SDG No.:	BF081424		
Lab Sample ID:	P3526-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	16.6		
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139010.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	U	92.4	320	390	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96	U	96	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	140	J	97.7	160	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	110	J	99.3	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	96.5	U	96.5	160	200	ug/Kg
218-01-9	Chrysene	95.1	U	95.1	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	U	97	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.8	U	98.8	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.4	U	93.4	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.1	U	97.1	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.8	U	95.8	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.3	U	89.3	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.531		18-112		56	SPK: -150
13127-88-3	Phenol-d6	75.32		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	62.136		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	53.502		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SP-1-COMP	SDG No.:	BF081424
Lab Sample ID:	P3526-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139010.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.801		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	59.486		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30295	6.834				
1146-65-2	Naphthalene-d8	98356	8.116				
15067-26-2	Acenaphthene-d10	46001	9.869				
1517-22-2	Phenanthrene-d10	90336	11.357				
1719-03-5	Chrysene-d12	56497	13.998				
1520-96-3	Perylene-d12	44530	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	400	A			5.051	
000557-61-9	Octacosanol	220	J			13.833	

Hit Summary Sheet SW-846

SDG No.: BF081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A1-COMP								
P3474-01	WC-A1-COMP	Solid	2-Methyltetracosane	*	90.500	J		
P3474-01	WC-A1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3474-01	WC-A1-COMP	Solid	Heneicosane	*	90.900	J		
P3474-01	WC-A1-COMP	Solid	Hexacosane	*	81.800	J		
P3474-01	WC-A1-COMP	Solid	Hexatriacontane	*	84.900	J		
P3474-01	WC-A1-COMP	Solid	Pentacosane	*	110.000	J		
P3474-01	WC-A1-COMP	Solid	Undecanoic acid	*	75.800	J		
P3474-01	WC-A1-COMP	Solid	unknown13.857	*	91.300	J		
Total Tics :					835.20			
Total Concentration:					835.20			
Client ID : WC-B2-COMP								
P3474-10	WC-B2-COMP	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3474-10	WC-B2-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	420.000	A		
P3474-10	WC-B2-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	2,900.000	J		
P3474-10	WC-B2-COMP	Solid	Trifluoroacetoxy hexadecane	*	130.000	J		
P3474-10	WC-B2-COMP	Solid	unknown3.404	*	110.000	J		
P3474-10	WC-B2-COMP	Solid	unknown9.957	*	110.000	J		
Total Tics :					3,800.00			
Total Concentration:					3,800.00			
Client ID : S-866-N-S0-0-0.5-080524								
P3475-01	S-866-N-S0-0-0.5-080524	Solid	1-Phenoxypropan-2-ol	*	85.600	J		
P3475-01	S-866-N-S0-0-0.5-080524	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P3475-01	S-866-N-S0-0-0.5-080524	Solid	Trichloroacetic acid, pentadecyl e	*	96.000	J		
Total Tics :					351.60			
Total Concentration:					351.60			
Client ID : S-866-N-S0-1.0-1.5-080524								
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	440.000	A		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	9-Octadecenamide, (Z)-	*	210.000	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Benzo[e]pyrene	*	82.700	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Eucalyptol	*	91.300	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Hentriacontane	*	130.000	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Heptadecyl heptafluorobutyrate	*	250.000	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Heptadecyl trifluoroacetate	*	350.000	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	R-(-)-1,2-propanediol	*	80.800	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Tetradecanal	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BF081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Undecanoic acid	*	95.600	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	unknown16.668	*	84.300	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	unknown16.951	*	82.700	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	unknown6.681	*	92.800	J		
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	unknown9.957	*	160.000	J		
Total Tics :				2,470.20				
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Benzo(b)fluoranthene		130.000	J	94.5	200 ug/Kg
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Fluoranthene		210.000		95.2	200 ug/Kg
P3475-02	S-866-N-S0-1.0-1.5-0805	Solid	Pyrene		140.000	J	96.7	200 ug/Kg
Total Svoc :				480.00				
Total Concentration:				2,950.20				
Client ID : MUL06RE								
P3476-05RE	MUL06RE	Water	3+4-Methylphenols		13.400		1.2	10 ug/L
P3476-05RE	MUL06RE	Water	Acetophenone		5.000		1.1	5 ug/L
P3476-05RE	MUL06RE	Water	Benzoic acid		30.500		5.5	10 ug/L
P3476-05RE	MUL06RE	Water	Benzyl Alcohol		35.500		1.6	10 ug/L
P3476-05RE	MUL06RE	Water	Phenol		4.700	J	0.93	5 ug/L
Total Svoc :				89.10				
Total Concentration:				89.10				
Client ID : 931-KI-SD-0.5-1.0-080724								
P3512-05	931-KI-SD-0.5-1.0-08072	Solid	1-Eicosanol	*	100.000	J		
P3512-05	931-KI-SD-0.5-1.0-08072	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
Total Tics :				310.00				
Total Concentration:				310.00				
Client ID : 931-KI-SD-0.5-1.0-080724-FD								
P3512-06	931-KI-SD-0.5-1.0-08072	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
Total Tics :				170.00				
Total Concentration:				170.00				
Client ID : SP-1-COMP								
P3526-01	SP-1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	400.000	A		
P3526-01	SP-1-COMP	Solid	Octacosanol	*	220.000	J		
Total Tics :				620.00				
P3526-01	SP-1-COMP	Solid	Fluoranthene		140.000	J	97.7	200 ug/Kg
P3526-01	SP-1-COMP	Solid	Pyrene		110.000	J	99.3	200 ug/Kg
Total Svoc :				250.00				
Total Concentration:				870.00				
Client ID : ARS20-0019								
P3543-01	ARS20-0019	Solid	1-Phenoxypropan-2-ol	*	52.900	J		

Hit Summary Sheet
SW-846

SDG No.: BF081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3543-01	ARS20-0019	Solid	Heptacosane	*	210.000	J		
P3543-01	ARS20-0019	Solid	Heptadecane, 2,6,10,15-tetrameth	*	260.000	J		
P3543-01	ARS20-0019	Solid	Hexadecane	*	67.900	J		
P3543-01	ARS20-0019	Solid	unknown9.957	*	650.000	J		
Total Tics :					1,240.80			
Total Concentration:					1,240.80			
Client ID : RBR200036								
P3548-03	RBR200036	Solid	(S)-(+)-1,2-Propanediol	*	71.000	J		
P3548-03	RBR200036	Solid	1-Phenoxypropan-2-ol	*	86.200	J		
P3548-03	RBR200036	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3548-03	RBR200036	Solid	4H-Cyclopenta[def]phenanthrene	*	55.100	J		
P3548-03	RBR200036	Solid	Benzo[e]pyrene	*	110.000	J		
P3548-03	RBR200036	Solid	unknown9.957	*	45.000	J		
Total Tics :					477.30			
P3548-03	RBR200036	Solid	Anthracene		71.800	J	55.8	ug/Kg
P3548-03	RBR200036	Solid	Benzo(a)anthracene		200.000		53.4	ug/Kg
P3548-03	RBR200036	Solid	Benzo(a)pyrene		180.000		61.5	ug/Kg
P3548-03	RBR200036	Solid	Benzo(b)fluoranthene		250.000		53.6	ug/Kg
P3548-03	RBR200036	Solid	Benzo(g,h,i)perylene		64.800	J	53	ug/Kg
P3548-03	RBR200036	Solid	Benzo(k)fluoranthene		81.100	J	54.6	ug/Kg
P3548-03	RBR200036	Solid	Bis(2-ethylhexyl)phthalate		130.000		60.2	ug/Kg
P3548-03	RBR200036	Solid	Chrysene		170.000		52.6	ug/Kg
P3548-03	RBR200036	Solid	Fluoranthene		450.000		54	ug/Kg
P3548-03	RBR200036	Solid	Indeno(1,2,3-cd)pyrene		62.900	J	51.6	ug/Kg
P3548-03	RBR200036	Solid	Phenanthrene		360.000		55.5	ug/Kg
P3548-03	RBR200036	Solid	Pyrene		240.000		54.9	ug/Kg
Total Svoc :					2,260.60			
Total Concentration:					2,737.90			
Client ID : 343								
P3548-06	343	Solid	1-Phenoxypropan-2-ol	*	67.900	J		
P3548-06	343	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	84.100	A		
Total Tics :					152.00			
P3548-06	343	Solid	Fluoranthene		67.000	J	55.7	120 ug/Kg
Total Svoc :					67.00			
Total Concentration:					219.00			
Client ID : 289								
P3548-09	289	Solid	1-Phenoxypropan-2-ol	*	77.500	J		
P3548-09	289	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	59.700	A		
P3548-09	289	Solid	unknown9.963	*	1,500.000	J		

Hit Summary Sheet SW-846

SDG No.: BF081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,637.20				
Total Concentration:				1,637.20				
Client ID : IN-SITU-SOIL								
P3548-12	IN-SITU-SOIL	Solid	1-Phenoxypropan-2-ol	*	68.100	J		
P3548-12	IN-SITU-SOIL	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	98.800	A		
P3548-12	IN-SITU-SOIL	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	50.000	J		
P3548-12	IN-SITU-SOIL	Solid	unknown3.363	*	63.600	J		
Total Tics :				280.50				
P3548-12	IN-SITU-SOIL	Solid	Benzo(a)anthracene		74.400	J	55	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Benzo(a)pyrene		72.900	J	63.3	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Benzo(b)fluoranthene		84.500	J	55.2	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Chrysene		70.400	J	54.2	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Fluoranthene		140.000		55.6	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Phenanthrene		57.600	J	57.2	120 ug/Kg
P3548-12	IN-SITU-SOIL	Solid	Pyrene		91.400	J	56.5	120 ug/Kg
Total Svoc :				591.20				
Total Concentration:				871.70				
Client ID : SU-04-080924								
P3549-01	SU-04-080924	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3549-01	SU-04-080924	Solid	3,5-Dimethyldodecane	*	97.200	J		
P3549-01	SU-04-080924	Solid	Decane, 1-iodo-	*	140.000	J		
P3549-01	SU-04-080924	Solid	Dodecane	*	150.000	J		
P3549-01	SU-04-080924	Solid	Dodecane, 3-methyl-	*	75.700	J		
P3549-01	SU-04-080924	Solid	Heptacosane	*	170.000	J		
P3549-01	SU-04-080924	Solid	Hexadecane	*	140.000	J		
P3549-01	SU-04-080924	Solid	Nonadecane	*	230.000	J		
P3549-01	SU-04-080924	Solid	Silane, trichlorooctadecyl-	*	96.500	J		
P3549-01	SU-04-080924	Solid	Tridecane	*	150.000	J		
Total Tics :				1,359.40				
P3549-01	SU-04-080924	Solid	Benzo(a)anthracene		130.000	J	85.2	180 ug/Kg
P3549-01	SU-04-080924	Solid	Benzo(a)pyrene		160.000	J	98.2	180 ug/Kg
P3549-01	SU-04-080924	Solid	Benzo(b)fluoranthene		190.000		85.6	180 ug/Kg
P3549-01	SU-04-080924	Solid	Chrysene		140.000	J	84	180 ug/Kg
P3549-01	SU-04-080924	Solid	Fluoranthene		250.000		86.3	180 ug/Kg
P3549-01	SU-04-080924	Solid	Pyrene		220.000		87.7	180 ug/Kg
Total Svoc :				1,090.00				
Total Concentration:				2,449.40				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138684.D Time Analyzed: 12:32

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	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162577BL	37702	6.83	157691	8.12	89172	9.87
02	PB162577BS	47842	6.83	194483	8.12	111110	9.88
03	WC-A1-COMP	39301	6.83	155513	8.12	84689	9.87
04	WC-B2-COMP	33042 *	6.83	135315 *	8.12	72810 *	9.87
05	931-KI-SD-0.5-1.0-080724	34981 *	6.83	141093	8.12	74684	9.86
06	931-KI-SD-0.5-1.0-080724-FD	34757 *	6.83	136543 *	8.12	74287	9.86
07	ARS20-0019	34762 *	6.83	140619 *	8.12	68528 *	9.87
08	72-12017-72-11934	34973 *	6.83	137225 *	8.12	69312 *	9.87
09	RBR200036	36638	6.83	143446	8.12	67062 *	9.86
10	343	33651 *	6.83	127810 *	8.12	59239 *	9.86
11	IN-SITU-SOIL	31862 *	6.83	120375 *	8.12	53545 *	9.86
12	289	36362	6.83	140767	8.12	62688 *	9.86
13	SU-04-080924	32959 *	6.83	111041 *	8.12	48665 *	9.86
14	MUL07RE	27189 *	6.83	93187 *	8.12	42123 *	9.86
15	MUL06RE	30464 *	6.83	138299 *	8.12	51885 *	9.87
16	924-K1-WP0-0.25-080224MS	32155 *	6.83	113510 *	8.12	51515 *	9.87
17	924-K1-WP0-0.25-080224MSD	35424 *	6.83	122342 *	8.12	56215 *	9.87
18	S-866-N-S0-0-0.5-080524	26356 *	6.83	88624 *	8.12	40693 *	9.87
19	S-866-N-S0-1.0-1.5-080524	30152 *	6.83	98470 *	8.12	45260 *	9.87
20	S-866-N-S0-1.0-1.5-080524MS	30988 *	6.84	101717 *	8.12	45061 *	9.87
21	S-866-N-S0-1.0-1.5-080524MSD	29660 *	6.83	99216 *	8.12	44771 *	9.87
22	SP-1-COMP	30295 *	6.83	98356 *	8.12	46001 *	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138684.D Time Analyzed: 23:18

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	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
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.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BF138988.D

Time Analyzed: 12:32

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	46569	6.839	180395	8.12	100753	9.87
	UPPER LIMIT	93138	7.339	360790	8.622	201506	10.369
	LOWER LIMIT	23284.5	6.339	90197.5	7.622	50376.5	9.369
	EPA SAMPLE NO.						
01	PB162577BL	37702	6.83	157691	8.12	89172	9.87
02	PB162577BS	47842	6.83	194483	8.12	111110	9.88
03	WC-A1-COMP	39301	6.83	155513	8.12	84689	9.87
04	WC-B2-COMP	33042	6.83	135315	8.12	72810	9.87
05	931-KI-SD-0.5-1.0-080724	34981	6.83	141093	8.12	74684	9.86
06	931-KI-SD-0.5-1.0-080724-FD	34757	6.83	136543	8.12	74287	9.86
07	ARS20-0019	34762	6.83	140619	8.12	68528	9.87
08	72-12017-72-11934	34973	6.83	137225	8.12	69312	9.87
09	RBR200036	36638	6.83	143446	8.12	67062	9.86
10	343	33651	6.83	127810	8.12	59239	9.86
11	IN-SITU-SOIL	31862	6.83	120375	8.12	53545	9.86
12	289	36362	6.83	140767	8.12	62688	9.86
13	SU-04-080924	32959	6.83	111041	8.12	48665 *	9.86
14	MUL07RE	27189	6.83	93187	8.12	42123 *	9.86
15	MUL06RE	30464	6.83	138299	8.12	51885	9.87
16	924-K1-WP0-0.25-080224MS	32155	6.83	113510	8.12	51515	9.87
17	924-K1-WP0-0.25-080224MSD	35424	6.83	122342	8.12	56215	9.87
18	S-866-N-S0-0-0.5-080524	26356	6.83	88624 *	8.12	40693 *	9.87
19	S-866-N-S0-1.0-1.5-080524	30152	6.83	98470	8.12	45260 *	9.87
20	S-866-N-S0-1.0-1.5-080524MS	30988	6.84	101717	8.12	45061 *	9.87
21	S-866-N-S0-1.0-1.5-080524MSD	29660	6.83	99216	8.12	44771 *	9.87
22	SP-1-COMP	30295	6.83	98356	8.12	46001 *	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138988.D Time Analyzed: 23:18

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	46569	6.839	180395	8.12	100753	9.87
UPPER LIMIT	93138	7.339	360790	8.622	201506	10.369
LOWER LIMIT	23284.5	6.339	90197.5	7.622	50376.5	9.369
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.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138684.D Time Analyzed: 12:32

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	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162577BL	168032	11.36	92406	14.00	75422 *	15.46
02	PB162577BS	188477	11.36	93994	14.00	89767	15.46
03	WC-A1-COMP	127667	11.36	74161	14.00	66276 *	15.46
04	WC-B2-COMP	108422 *	11.36	61880 *	14.00	55831 *	15.46
05	931-KI-SD-0.5-1.0-080724	114755	11.35	65176	14.00	58355 *	15.46
06	931-KI-SD-0.5-1.0-080724-FI	111484 *	11.35	64771	14.00	57351 *	15.46
07	ARS20-0019	91762 *	11.36	62167 *	14.00	57139 *	15.46
08	72-12017-72-11934	97739 *	11.35	64519	14.00	54739 *	15.46
09	RBR200036	89927 *	11.35	70837	14.00	56621 *	15.46
10	343	78912 *	11.35	65211	14.00	52107 *	15.46
11	IN-SITU-SOIL	71083 *	11.35	64025	14.00	48441 *	15.46
12	289	86694 *	11.35	73644	14.00	56352 *	15.46
13	SU-04-080924	90475 *	11.35	53005 *	14.00	44467 *	15.47
14	MUL07RE	79937 *	11.36	52987 *	14.00	41690 *	15.46
15	MUL06RE	95379 *	11.36	63161	14.00	47717 *	15.46
16	924-K1-WP0-0.25-080224MS	97165 *	11.36	61682 *	14.00	47286 *	15.46
17	924-K1-WP0-0.25-080224MSD	107145 *	11.36	69421	14.00	51366 *	15.46
18	S-866-N-S0-0-0.5-080524	80415 *	11.36	55037 *	14.00	41958 *	15.46
19	S-866-N-S0-1.0-1.5-080524	90263 *	11.36	59157 *	14.00	44596 *	15.46
20	S-866-N-S0-1.0-1.5-080524MS	82982 *	11.36	54235 *	14.00	41522 *	15.46
21	S-866-N-S0-1.0-1.5-080524MS	83010 *	11.36	51880 *	14.00	42398 *	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138684.D Time Analyzed: 23:18

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	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
EPA SAMPLE NO.						
22 SP-1-COMP	90336 *	11.36	56497 *	14.00	44530 *	15.46

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.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138988.D Time Analyzed: 12:32

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	170882	11.357	83079	13.998	87305	15.462
	UPPER LIMIT	341764	11.857	166158	14.498	174610	15.962
	LOWER LIMIT	85441	10.857	41539.5	13.498	43652.5	14.962
	EPA SAMPLE NO.						
01	PB162577BL	168032	11.36	92406	14.00	75422	15.46
02	PB162577BS	188477	11.36	93994	14.00	89767	15.46
03	WC-A1-COMP	127667	11.36	74161	14.00	66276	15.46
04	WC-B2-COMP	108422	11.36	61880	14.00	55831	15.46
05	931-KI-SD-0.5-1.0-080724	114755	11.35	65176	14.00	58355	15.46
06	931-KI-SD-0.5-1.0-080724-FI	111484	11.35	64771	14.00	57351	15.46
07	ARS20-0019	91762	11.36	62167	14.00	57139	15.46
08	72-12017-72-11934	97739	11.35	64519	14.00	54739	15.46
09	RBR200036	89927	11.35	70837	14.00	56621	15.46
10	343	78912 *	11.35	65211	14.00	52107	15.46
11	IN-SITU-SOIL	71083 *	11.35	64025	14.00	48441	15.46
12	289	86694	11.35	73644	14.00	56352	15.46
13	SU-04-080924	90475	11.35	53005	14.00	44467	15.47
14	MUL07RE	79937 *	11.36	52987	14.00	41690 *	15.46
15	MUL06RE	95379	11.36	63161	14.00	47717	15.46
16	924-K1-WP0-0.25-080224MS	97165	11.36	61682	14.00	47286	15.46
17	924-K1-WP0-0.25-080224MSD	107145	11.36	69421	14.00	51366	15.46
18	S-866-N-S0-0-0.5-080524	80415 *	11.36	55037	14.00	41958 *	15.46
19	S-866-N-S0-1.0-1.5-080524	90263	11.36	59157	14.00	44596	15.46
20	S-866-N-S0-1.0-1.5-080524M	82982 *	11.36	54235	14.00	41522 *	15.46
21	S-866-N-S0-1.0-1.5-080524M	83010 *	11.36	51880	14.00	42398 *	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081424 SAS No.: BF081424 SDG NO.: BF081424

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

Lab File ID: BF138988.D Time Analyzed: 23:18

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	170882	11.357	83079	13.998	87305	15.462
UPPER LIMIT	341764	11.857	166158	14.498	174610	15.962
LOWER LIMIT	85441	10.857	41539.5	13.498	43652.5	14.962
EPA SAMPLE NO.						
22 SP-1-COMP	90336	11.36	56497	14.00	44530	15.46

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.: **BF081424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162577BS	n-Nitrosodimethylamine	50	53.4	ug/L	107				55	108	
	Pyridine	50	32.3	ug/L	65				29	97	
	Benzaldehyde	50	29.2	ug/L	58				10	162	
	Aniline	50	31.1	ug/L	62				10	130	
	Phenol	50	46.5	ug/L	93				66	118	
	bis(2-Chloroethyl)ether	50	44.2	ug/L	88				62	103	
	2-Chlorophenol	50	47.9	ug/L	96				70	117	
	1,2-Dichlorobenzene	50	45.1	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	44.6	ug/L	89				71	103	
	1,4-Dichlorobenzene	50	45	ug/L	90				76	103	
	Benzyl Alcohol	50	49.4	ug/L	99		*		36	93	
	2-Methylphenol	50	45.9	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.5	ug/L	87				65	100	
	Acetophenone	50	44.9	ug/L	90				60	104	
	3+4-Methylphenols	50	48.7	ug/L	97				67	106	
	N-Nitroso-di-n-propylamine	50	48.5	ug/L	97				57	107	
	Hexachloroethane	50	45.9	ug/L	92				76	118	
	Nitrobenzene	50	44.7	ug/L	89				58	106	
	Isophorone	50	46.4	ug/L	93				61	102	
	2-Nitrophenol	50	46.1	ug/L	92				70	115	
	2,4-Dimethylphenol	50	51.5	ug/L	103				42	142	
	bis(2-Chloroethoxy)methane	50	44	ug/L	88				58	109	
	2,4-Dichlorophenol	50	48.3	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90				41	115	
	Benzoic acid	50	31.5	ug/L	63				10	125	
	Naphthalene	50	44.9	ug/L	90				64	107	
	4-Chloroaniline	50	25.8	ug/L	52				10	85	
	Hexachlorobutadiene	50	45.7	ug/L	91				69	101	
	Caprolactam	50	48.1	ug/L	96				58	128	
	4-Chloro-3-methylphenol	50	48.6	ug/L	97				65	114	
	2-Methylnaphthalene	50	46.7	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	88.3	ug/L	88				36	160	
	2,4,6-Trichlorophenol	50	43.5	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	43.9	ug/L	88				70	106	
	1,1-Biphenyl	50	41.6	ug/L	83				72	98	
	2-Chloronaphthalene	50	43.5	ug/L	87				59	106	
	2-Nitroaniline	50	48.1	ug/L	96				73	114	
	Dimethylphthalate	50	48.3	ug/L	97				64	103	
	Acenaphthylene	50	49.1	ug/L	98				79	103	
	2,6-Dinitrotoluene	50	46.4	ug/L	93				64	110	
	3-Nitroaniline	50	30.9	ug/L	62				28	100	
	Acenaphthene	50	44.3	ug/L	89				59	113	
	Total PAH	800	754	ug/L	94				59	113	
	2,4-Dinitrophenol	100	77.1	ug/L	77				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162577BS	4-Nitrophenol	100	69.7	ug/L	70				45	147	
	Dibenzofuran	50	46.6	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	49.4	ug/L	99				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	95.8	ug/L	96				60	115	
	Diethylphthalate	50	50.4	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	47.1	ug/L	94				61	104	
	Fluorene	50	48	ug/L	96				64	107	
	4-Nitroaniline	50	42.9	ug/L	86				55	125	
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90				62	132	
	N-Nitrosodiphenylamine	50	47.3	ug/L	95				61	109	
	Azobenzene	50	47.3	ug/L	95				59	106	
	4-Bromophenyl-phenylether	50	45.5	ug/L	91				73	103	
	Hexachlorobenzene	50	45.5	ug/L	91				73	106	
	Atrazine	50	52.8	ug/L	106				76	120	
	Pentachlorophenol	100	64.3	ug/L	64				47	114	
	Phenanthrene	50	46.9	ug/L	94				62	109	
	Anthracene	50	48.6	ug/L	97				65	110	
	Carbazole	50	45.8	ug/L	92				62	106	
	Di-n-butylphthalate	50	53.3	ug/L	107		*		64	106	
	Fluoranthene	50	45.3	ug/L	91				64	110	
	Benzidine	100	11	ug/L	11				10	94	
	Pyrene	50	46.2	ug/L	92				71	103	
	Butylbenzylphthalate	50	52.1	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	37.4	ug/L	75				43	108	
	Benzo(a)anthracene	50	48.5	ug/L	97				62	107	
	Chrysene	50	46.1	ug/L	92				61	108	
	bis(2-Ethylhexyl)phthalate	50	44.3	ug/L	89				59	110	
	Di-n-octyl phthalate	50	37.9	ug/L	76				52	139	
	Benzo(b)fluoranthene	50	47.4	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	52.9	ug/L	106		*		77	105	
	Benzo(a)pyrene	50	51.6	ug/L	103				72	131	
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50	46.1	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50	41.2	ug/L	82				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.3	ug/L	83				72	101	
	1,4-Dioxane	50	31.7	ug/L	63				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.4	ug/L	91				63	116	
	1-Methylnaphthalene	50	44.1	ug/L	88				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

924-K1-WP0-0.25-080

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF139004.D

Lab Sample ID: P3466-02MS

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Water

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 20:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
924-K1-WP0-0.25-080224MS	P3466-02MS	BF139004.D	08/14/2024
924-K1-WP0-0.25-080224MSD	P3466-03MSD	BF139005.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

S-866-N-S0-0-0.5-08

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF139006.D

Lab Sample ID: P3475-01

Instrument ID: BNA_F

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 21:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-866-N-S0-0-0.5-080524	P3475-01	BF139006.D	08/14/2024
S-866-N-S0-1.0-1.5-080524	P3475-02	BF139007.D	08/14/2024
S-866-N-S0-1.0-1.5-080524MS	P3475-03MS	BF139008.D	08/14/2024
S-866-N-S0-1.0-1.5-080524MSD	P3475-04MSD	BF139009.D	08/14/2024
WC-A1-COMP	P3474-01	BF138991.D	08/14/2024
WC-B2-COMP	P3474-10	BF138992.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162577BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF138989.D

Lab Sample ID: PB162577BL

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 12:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162577BS	PB162577BS	BF138990.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-1-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF139010.D

Lab Sample ID: P3526-01

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 23:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-1-COMP	P3526-01	BF139010.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

931-KI-SD-0.5-1.0-0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF138993.D

Lab Sample ID: P3512-05

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 14:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
931-KI-SD-0.5-1.0-080724	P3512-05	BF138993.D	08/14/2024
931-KI-SD-0.5-1.0-080724-FD	P3512-06	BF138994.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ARS20-0019

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081424

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF138995.D

Lab Sample ID: P3543-01

Instrument ID: BNA_F

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 15:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ARS20-0019	P3543-01	BF138995.D	08/14/2024
72-12017-72-11934	P3548-01	BF138996.D	08/14/2024
RBR200036	P3548-03	BF138997.D	08/14/2024
343	P3548-06	BF138998.D	08/14/2024
IN-SITU-SOIL	P3548-12	BF138999.D	08/14/2024
289	P3548-09	BF139000.D	08/14/2024
SU-04-080924	P3549-01	BF139001.D	08/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3466-02MS		Client Sample ID: 924-K1-WP0-0.25-080224MS		DataFile: BF139004.D							
n-Nitrosodimethylamine	51		35	ug/L	69				10	130	
Pyridine	51		16.2	ug/L	32				10	109	
Benzaldehyde	51		0	ug/L	0	*			10	137	
Aniline	51		22.7	ug/L	45				10	130	
Phenol	51		18.2	ug/L	36				10	130	
bis(2-Chloroethyl)ether	51		53.5	ug/L	105				29	141	
2-Chlorophenol	51		45.7	ug/L	90				23	127	
1,2-Dichlorobenzene	51		45.1	ug/L	88				61	114	
1,3-Dichlorobenzene	51		43.5	ug/L	85				65	106	
1,4-Dichlorobenzene	51		44.6	ug/L	87				55	125	
Benzyl Alcohol	51		40.4	ug/L	79				31	94	
2-Methylphenol	51		35.8	ug/L	70				37	126	
2,2-oxybis(1-Chloropropane)	51		50.3	ug/L	99				36	141	
Acetophenone	51		55.8	ug/L	109				31	164	
3+4-Methylphenols	51		32.7	ug/L	64				31	127	
N-Nitroso-di-n-propylamine	51		54.8	ug/L	107				36	147	
Hexachloroethane	51		40.8	ug/L	80				49	110	
Nitrobenzene	51		54.7	ug/L	107				62	112	
Isophorone	51		56.8	ug/L	111				39	146	
2-Nitrophenol	51		54.8	ug/L	107				30	148	
2,4-Dimethylphenol	51		54	ug/L	106				17	143	
bis(2-Chloroethoxy)methane	51		53.7	ug/L	105				39	143	
2,4-Dichlorophenol	51		49.5	ug/L	97				22	146	
1,2,4-Trichlorobenzene	51		49.9	ug/L	98				66	110	
Benzoic acid	51		11.6	ug/L	23				10	101	
Naphthalene	51		49.4	ug/L	97				17	157	
4-Chloroaniline	51		25.5	ug/L	50				10	95	
Hexachlorobutadiene	51		50.5	ug/L	99				52	125	
Caprolactam	51		9.3	ug/L	18				10	130	
4-Chloro-3-methylphenol	51		44.6	ug/L	87				17	148	
2-Methylnaphthalene	51		48.5	ug/L	95				38	146	
Hexachlorocyclopentadiene	100		27.8	ug/L	28				20	153	
2,4,6-Trichlorophenol	51		56.6	ug/L	111				78	112	
2,4,5-Trichlorophenol	51		53.2	ug/L	104				71	111	
1,1-Biphenyl	51		51.6	ug/L	101				38	154	
2-Chloronaphthalene	51		54.7	ug/L	107				41	145	
2-Nitroaniline	51		60.6	ug/L	119				39	151	
Dimethylphthalate	51		59.4	ug/L	116				42	147	
Acenaphthylene	51		57.6	ug/L	113				40	141	
2,6-Dinitrotoluene	51		57.3	ug/L	112				43	148	
3-Nitroaniline	51		43.8	ug/L	86				10	111	
Acenaphthene	51		52.9	ug/L	104				37	146	
Total PAH	816		876.4	ug/L	107				37	146	
2,4-Dinitrophenol	100		50.9	ug/L	51				14	167	
4-Nitrophenol	100		36.7	ug/L	37				10	130	
Dibenzofuran	51		56.6	ug/L	111				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	51		59.6	ug/L	117				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	102		116.9	ug/L	115				50	142	
Diethylphthalate	51		60.4	ug/L	118				41	148	
4-Chlorophenyl-phenylether	51		56.4	ug/L	111				38	149	
Fluorene	51		57	ug/L	112				39	144	
4-Nitroaniline	51		59.3	ug/L	116				27	138	
4,6-Dinitro-2-methylphenol	51		29.2	ug/L	57				32	175	
N-Nitrosodiphenylamine	51		50.9	ug/L	100				40	150	
Azobenzene	51		57.1	ug/L	112				72	112	
4-Bromophenyl-phenylether	51		49.2	ug/L	96				42	151	
Hexachlorobenzene	51		49.6	ug/L	97				72	115	
Atrazine	51		59.9	ug/L	117				20	162	
Pentachlorophenol	100		92.4	ug/L	92				25	139	
Phenanthrene	51		56.1	ug/L	110				40	147	
Anthracene	51		58.4	ug/L	115				41	146	
Carbazole	51		61.8	ug/L	121				37	154	
Di-n-butylphthalate	51		63.6	ug/L	125				40	151	
Fluoranthene	51		67.2	ug/L	132				42	146	
Benzidine	100		0	ug/L	0	*			10	130	
Pyrene	51		54.2	ug/L	106				41	149	
Butylbenzylphthalate	51		72.3	ug/L	142				39	155	
3,3-Dichlorobenzidine	51		52.4	ug/L	103				10	114	
Benzo(a)anthracene	51		56.3	ug/L	110				41	147	
Chrysene	51		53.6	ug/L	105				44	144	
bis(2-Ethylhexyl)phthalate	51		61.7	ug/L	121				33	160	
Di-n-octyl phthalate	51		47.4	ug/L	93				36	158	
Benzo(b)fluoranthene	51		57.9	ug/L	114				40	150	
Benzo(k)fluoranthene	51		61.7	ug/L	121				40	147	
Benzo(a)pyrene	51		58.3	ug/L	114				42	147	
Indeno(1,2,3-cd)pyrene	51		46.7	ug/L	92				30	166	
Dibenz(a,h)anthracene	51		46.6	ug/L	91				23	172	
Benzo(g,h,i)perylene	51		42.5	ug/L	83				27	167	
1,2,4,5-Tetrachlorobenzene	51		53.8	ug/L	105	*			89	102	
1,4-Dioxane	51		23.5	ug/L	46				38	130	
2,3,4,6-Tetrachlorophenol	51		56.7	ug/L	111				91	111	
1-Methylnaphthalene	51		44.8	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3466-03MSD		Client Sample ID: 924-K1-WP0-0.25-080224MSD		DataFile: BF139005.D							
n-Nitrosodimethylamine	52.6		35.1	ug/L	67		3		10	130	20
Pyridine	52.6		16.3	ug/L	31		3		10	109	20
Benzaldehyde	52.6		0	ug/L	0	*			10	137	20
Aniline	52.6		24.5	ug/L	47		4		10	130	20
Phenol	52.6		18	ug/L	34		6		10	130	20
bis(2-Chloroethyl)ether	52.6		53.1	ug/L	101		4		29	141	20
2-Chlorophenol	52.6		45.4	ug/L	86		5		23	127	20
1,2-Dichlorobenzene	52.6		45.6	ug/L	87		1		61	114	20
1,3-Dichlorobenzene	52.6		44.6	ug/L	85		0		65	106	20
1,4-Dichlorobenzene	52.6		45.1	ug/L	86		1		55	125	20
Benzyl Alcohol	52.6		40.1	ug/L	76		4		31	94	20
2-Methylphenol	52.6		36.1	ug/L	69		1		37	126	20
2,2-oxybis(1-Chloropropane)	52.6		50.4	ug/L	96		3		36	141	20
Acetophenone	52.6		57.3	ug/L	109		0		31	164	20
3+4-Methylphenols	52.6		32.8	ug/L	62		3		31	127	20
N-Nitroso-di-n-propylamine	52.6		52.8	ug/L	100		7		36	147	20
Hexachloroethane	52.6		41.6	ug/L	79		1		49	110	20
Nitrobenzene	52.6		55.8	ug/L	106		1		62	112	20
Isophorone	52.6		57	ug/L	108		3		39	146	20
2-Nitrophenol	52.6		53.6	ug/L	102		5		30	148	20
2,4-Dimethylphenol	52.6		54.1	ug/L	103		3		17	143	20
bis(2-Chloroethoxy)methane	52.6		55	ug/L	105		0		39	143	20
2,4-Dichlorophenol	52.6		51	ug/L	97		0		22	146	20
1,2,4-Trichlorobenzene	52.6		50.1	ug/L	95		3		66	110	20
Benzoic acid	52.6		11.2	ug/L	21		9		10	101	20
Naphthalene	52.6		50.3	ug/L	96		1		17	157	20
4-Chloroaniline	52.6		29	ug/L	55		10		10	95	20
Hexachlorobutadiene	52.6		51.4	ug/L	98		1		52	125	20
Caprolactam	52.6		10.1	ug/L	19		5		10	130	20
4-Chloro-3-methylphenol	52.6		44.9	ug/L	85		2		17	148	20
2-Methylnaphthalene	52.6		49.2	ug/L	94		1		38	146	20
Hexachlorocyclopentadiene	110		29.5	ug/L	27		4		20	153	20
2,4,6-Trichlorophenol	52.6		56.9	ug/L	108		3		78	112	20
2,4,5-Trichlorophenol	52.6		55.9	ug/L	106		2		71	111	20
1,1-Biphenyl	52.6		52.6	ug/L	100		1		38	154	20
2-Chloronaphthalene	52.6		54.6	ug/L	104		3		41	145	20
2-Nitroaniline	52.6		63.1	ug/L	120		1		39	151	20
Dimethylphthalate	52.6		60.6	ug/L	115		1		42	147	20
Acenaphthylene	52.6		59.9	ug/L	114		1		40	141	20
2,6-Dinitrotoluene	52.6		56.3	ug/L	107		5		43	148	20
3-Nitroaniline	52.6		45.3	ug/L	86		0		10	111	20
Acenaphthene	52.6		55.3	ug/L	105		1		37	146	20
Total PAH	841.6		911.3	ug/L	108		1		37	146	20
2,4-Dinitrophenol	110		66.6	ug/L	61		18		14	167	20
4-Nitrophenol	110		37.9	ug/L	34		8		10	130	20
Dibenzofuran	52.6		57.7	ug/L	110		1		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	52.6		62.4	ug/L	119		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	105.2		118.7	ug/L	113		2		50	142	20
Diethylphthalate	52.6		61.8	ug/L	117		1		41	148	20
4-Chlorophenyl-phenylether	52.6		57.7	ug/L	110		1		38	149	20
Fluorene	52.6		59.7	ug/L	113		1		39	144	20
4-Nitroaniline	52.6		62.8	ug/L	119		3		27	138	20
4,6-Dinitro-2-methylphenol	52.6		33.9	ug/L	64		12		32	175	20
N-Nitrosodiphenylamine	52.6		50.6	ug/L	96		4		40	150	20
Azobenzene	52.6		59.7	ug/L	113	*	1		72	112	20
4-Bromophenyl-phenylether	52.6		50.2	ug/L	95		1		42	151	20
Hexachlorobenzene	52.6		51.5	ug/L	98		1		72	115	20
Atrazine	52.6		59.7	ug/L	113		3		20	162	20
Pentachlorophenol	110		97.5	ug/L	89		3		25	139	20
Phenanthrene	52.6		58.3	ug/L	111		1		40	147	20
Anthracene	52.6		59.1	ug/L	112		3		41	146	20
Carbazole	52.6		64.6	ug/L	123		2		37	154	20
Di-n-butylphthalate	52.6		66.6	ug/L	127		2		40	151	20
Fluoranthene	52.6		69.4	ug/L	132		0		42	146	20
Benzidine	110		0	ug/L	0	*			10	130	20
Pyrene	52.6		55.8	ug/L	106		0		41	149	20
Butylbenzylphthalate	52.6		73.1	ug/L	139		2		39	155	20
3,3-Dichlorobenzidine	52.6		56.3	ug/L	107		4		10	114	20
Benzo(a)anthracene	52.6		57.1	ug/L	109		1		41	147	20
Chrysene	52.6		56.1	ug/L	107		2		44	144	20
bis(2-Ethylhexyl)phthalate	52.6		63.1	ug/L	120		1		33	160	20
Di-n-octyl phthalate	52.6		49.3	ug/L	94		1		36	158	20
Benzo(b)fluoranthene	52.6		59.8	ug/L	114		0		40	150	20
Benzo(k)fluoranthene	52.6		66.8	ug/L	127		5		40	147	20
Benzo(a)pyrene	52.6		61.5	ug/L	117		3		42	147	20
Indeno(1,2,3-cd)pyrene	52.6		49.2	ug/L	94		2		30	166	20
Dibenz(a,h)anthracene	52.6		49.9	ug/L	95		4		23	172	20
Benzo(g,h,i)perylene	52.6		43.1	ug/L	82		1		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6		53.8	ug/L	102		3		89	102	20
1,4-Dioxane	52.6		24.1	ug/L	46		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6		59	ug/L	112	*	1		91	111	20
1-Methylnaphthalene	52.6		46.2	ug/L	88		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3475-03MS		Client Sample ID: S-866-N-S0-1.0-1.5-080524MS		DataFile: BF139008.D							
n-Nitrosodimethylamine	1900		2800	ug/Kg	147	*			66	124	
Pyridine	1900		1900	ug/Kg	100				45	119	
Benzaldehyde	1900		0	ug/Kg	0	*			10	86	
Aniline	1900		1200	ug/Kg	63				10	88	
Phenol	1900		2000	ug/Kg	105				67	126	
bis(2-Chloroethyl)ether	1900		2000	ug/Kg	105				54	125	
2-Chlorophenol	1900		2100	ug/Kg	111	*			79	107	
1,2-Dichlorobenzene	1900		2100	ug/Kg	111	*			61	105	
1,3-Dichlorobenzene	1900		2100	ug/Kg	111	*			62	101	
1,4-Dichlorobenzene	1900		2100	ug/Kg	111	*			63	104	
Benzyl Alcohol	1900		2100	ug/Kg	111				47	126	
2-Methylphenol	1900		1900	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1900		2000	ug/Kg	105				65	110	
Acetophenone	1900		2400	ug/Kg	126	*			75	111	
3+4-Methylphenols	1900		1900	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1900		2000	ug/Kg	105				59	119	
Hexachloroethane	1900		2000	ug/Kg	105				65	117	
Nitrobenzene	1900		2300	ug/Kg	121	*			70	119	
Isophorone	1900		2300	ug/Kg	121				76	122	
2-Nitrophenol	1900		2300	ug/Kg	121				54	145	
2,4-Dimethylphenol	1900		2300	ug/Kg	121				44	135	
bis(2-Chloroethoxy)methane	1900		2200	ug/Kg	116	*			68	112	
2,4-Dichlorophenol	1900		2100	ug/Kg	111				72	118	
1,2,4-Trichlorobenzene	1900		2200	ug/Kg	116	*			57	103	
Benzoic acid	1900		1300	ug/Kg	68				50	104	
Naphthalene	1900		2100	ug/Kg	111	*			72	110	
4-Chloroaniline	1900		800	ug/Kg	42				10	91	
Hexachlorobutadiene	1900		2300	ug/Kg	121	*			66	114	
Caprolactam	1900		2000	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	1900		1900	ug/Kg	100				57	132	
2-Methylnaphthalene	1900		2000	ug/Kg	105				59	123	
Hexachlorocyclopentadiene	3900		960	ug/Kg	25				10	175	
2,4,6-Trichlorophenol	1900		2200	ug/Kg	116				72	117	
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111				72	117	
1,1-Biphenyl	1900		2100	ug/Kg	111				75	113	
2-Chloronaphthalene	1900		2200	ug/Kg	116				67	118	
2-Nitroaniline	1900		2400	ug/Kg	126				69	127	
Dimethylphthalate	1900		2300	ug/Kg	121	*			70	113	
Acenaphthylene	1900		2400	ug/Kg	126	*			79	118	
2,6-Dinitrotoluene	1900		2200	ug/Kg	116				70	125	
3-Nitroaniline	1900		1700	ug/Kg	89				30	99	
Acenaphthene	1900		2100	ug/Kg	111				70	121	
Total PAH	30400	0	36700	ug/Kg	121				70	121	
2,4-Dinitrophenol	3900		1900	ug/Kg	49				10	155	
4-Nitrophenol	3900		4100	ug/Kg	105				45	133	
Dibenzofuran	1900		2300	ug/Kg	121	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

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	3800		4500	ug/Kg	118				55	128	
2,4-Dinitrotoluene	1900		2300	ug/Kg	121				55	128	
Diethylphthalate	1900		2400	ug/Kg	126	*			70	112	
4-Chlorophenyl-phenylether	1900		2200	ug/Kg	116	*			71	108	
Fluorene	1900		2300	ug/Kg	121	*			68	116	
4-Nitroaniline	1900		2200	ug/Kg	116				55	120	
4,6-Dinitro-2-methylphenol	1900		1200	ug/Kg	63				10	160	
N-Nitrosodiphenylamine	1900		2100	ug/Kg	111				73	118	
Azobenzene	1900		2200	ug/Kg	116	*			73	110	
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900		2000	ug/Kg	105				67	118	
Atrazine	1900		2600	ug/Kg	137	*			79	127	
Pentachlorophenol	3900		3700	ug/Kg	95				47	128	
Phenanthrene	1900		2400	ug/Kg	126				52	128	
Anthracene	1900		2400	ug/Kg	126	*			62	124	
Carbazole	1900		2600	ug/Kg	137	*			59	119	
Di-n-butylphthalate	1900		2600	ug/Kg	137	*			69	118	
Fluoranthene	1900	210	3000	ug/Kg	147	*			44	125	
Benzidine	3900		1600	ug/Kg	41				10	119	
Pyrene	1900	140	2400	ug/Kg	119				26	142	
Butylbenzylphthalate	1900		2800	ug/Kg	147	*			64	126	
3,3-Dichlorobenzidine	1900		2200	ug/Kg	116				33	116	
Benzo(a)anthracene	1900		2400	ug/Kg	126	*			71	114	
Chrysene	1900	0	2200	ug/Kg	116				57	121	
bis(2-Ethylhexyl)phthalate	1900		2500	ug/Kg	132				42	169	
Di-n-octyl phthalate	1900		1900	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1900	130	2500	ug/Kg	125	*			67	121	
Benzo(k)fluoranthene	1900		2500	ug/Kg	132				57	134	
Benzo(a)pyrene	1900	0	2500	ug/Kg	132				70	142	
Indeno(1,2,3-cd)pyrene	1900		1900	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1900		1900	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1900		1700	ug/Kg	89				24	125	
1,2,4,5-Tetrachlorobenzene	1900		2200	ug/Kg	116				69	124	
1,4-Dioxane	1900		1900	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1900		2200	ug/Kg	116	*			69	112	
1-Methylnaphthalene	1900		1800	ug/Kg	95				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3475-04MSD		Client Sample ID: S-866-N-S0-1.0-1.5-080524MSD		DataFile: BF139009.D							
n-Nitrosodimethylamine	1900		2900	ug/Kg	153	*	4		66	124	20
Pyridine	1900		2000	ug/Kg	105		5		45	119	20
Benzaldehyde	1900		0	ug/Kg	0	*			10	86	20
Aniline	1900		1300	ug/Kg	68		8		10	88	20
Phenol	1900		2100	ug/Kg	111		6		67	126	20
bis(2-Chloroethyl)ether	1900		2100	ug/Kg	111		6		54	125	20
2-Chlorophenol	1900		2100	ug/Kg	111	*	0		79	107	20
1,2-Dichlorobenzene	1900		2200	ug/Kg	116	*	4		61	105	20
1,3-Dichlorobenzene	1900		2100	ug/Kg	111	*	0		62	101	20
1,4-Dichlorobenzene	1900		2200	ug/Kg	116	*	4		63	104	20
Benzyl Alcohol	1900		2200	ug/Kg	116		4		47	126	20
2-Methylphenol	1900		2000	ug/Kg	105		5		66	122	20
2,2-oxybis(1-Chloropropane)	1900		2100	ug/Kg	111	*	6		65	110	20
Acetophenone	1900		2400	ug/Kg	126	*	0		75	111	20
3+4-Methylphenols	1900		2000	ug/Kg	105	*	5		66	104	20
N-Nitroso-di-n-propylamine	1900		2200	ug/Kg	116		10		59	119	20
Hexachloroethane	1900		2000	ug/Kg	105		0		65	117	20
Nitrobenzene	1900		2400	ug/Kg	126	*	4		70	119	20
Isophorone	1900		2300	ug/Kg	121		0		76	122	20
2-Nitrophenol	1900		2300	ug/Kg	121		0		54	145	20
2,4-Dimethylphenol	1900		2400	ug/Kg	126		4		44	135	20
bis(2-Chloroethoxy)methane	1900		2200	ug/Kg	116	*	0		68	112	20
2,4-Dichlorophenol	1900		2100	ug/Kg	111		0		72	118	20
1,2,4-Trichlorobenzene	1900		2200	ug/Kg	116	*	0		57	103	20
Benzoic acid	1900		1300	ug/Kg	68		0		50	104	20
Naphthalene	1900		2200	ug/Kg	116	*	4		72	110	20
4-Chloroaniline	1900		850	ug/Kg	45		7		10	91	20
Hexachlorobutadiene	1900		2300	ug/Kg	121	*	0		66	114	20
Caprolactam	1900		2000	ug/Kg	105		0		51	134	20
4-Chloro-3-methylphenol	1900		2000	ug/Kg	105		5		57	132	20
2-Methylnaphthalene	1900		2000	ug/Kg	105		0		59	123	20
Hexachlorocyclopentadiene	3900		930	ug/Kg	24		4		10	175	20
2,4,6-Trichlorophenol	1900		2300	ug/Kg	121	*	4		72	117	20
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111		0		72	117	20
1,1-Biphenyl	1900		2100	ug/Kg	111		0		75	113	20
2-Chloronaphthalene	1900		2300	ug/Kg	121	*	4		67	118	20
2-Nitroaniline	1900		2500	ug/Kg	132	*	5		69	127	20
Dimethylphthalate	1900		2400	ug/Kg	126	*	4		70	113	20
Acenaphthylene	1900		2400	ug/Kg	126	*	0		79	118	20
2,6-Dinitrotoluene	1900		2200	ug/Kg	116		0		70	125	20
3-Nitroaniline	1900		1800	ug/Kg	95		7		30	99	20
Acenaphthene	1900		2100	ug/Kg	111		0		70	121	20
Total PAH	30400	0	36800	ug/Kg	121		0		70	121	20
2,4-Dinitrophenol	3900		1900	ug/Kg	49		0		10	155	20
4-Nitrophenol	3900		4100	ug/Kg	105		0		45	133	20
Dibenzofuran	1900		2300	ug/Kg	121	*	0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081424

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	3800		4600	ug/Kg	121		3		55	128	20
2,4-Dinitrotoluene	1900		2400	ug/Kg	126		4		55	128	20
Diethylphthalate	1900		2400	ug/Kg	126	*	0		70	112	20
4-Chlorophenyl-phenylether	1900		2200	ug/Kg	116	*	0		71	108	20
Fluorene	1900		2300	ug/Kg	121	*	0		68	116	20
4-Nitroaniline	1900		2300	ug/Kg	121	*	4		55	120	20
4,6-Dinitro-2-methylphenol	1900		1200	ug/Kg	63		0		10	160	20
N-Nitrosodiphenylamine	1900		2100	ug/Kg	111		0		73	118	20
Azobenzene	1900		2300	ug/Kg	121	*	4		73	110	20
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105		0		65	121	20
Hexachlorobenzene	1900		2100	ug/Kg	111		6		67	118	20
Atrazine	1900		2600	ug/Kg	137	*	0		79	127	20
Pentachlorophenol	3900		3900	ug/Kg	100		5		47	128	20
Phenanthrene	1900		2400	ug/Kg	126		0		52	128	20
Anthracene	1900		2400	ug/Kg	126	*	0		62	124	20
Carbazole	1900		2600	ug/Kg	137	*	0		59	119	20
Di-n-butylphthalate	1900		2600	ug/Kg	137	*	0		69	118	20
Fluoranthene	1900	210	3000	ug/Kg	147	*	0		44	125	20
Benzidine	3900		1800	ug/Kg	46		11		10	119	20
Pyrene	1900	140	2500	ug/Kg	124		4		26	142	20
Butylbenzylphthalate	1900		3000	ug/Kg	158	*	7		64	126	20
3,3-Dichlorobenzidine	1900		2300	ug/Kg	121	*	4		33	116	20
Benzo(a)anthracene	1900		2500	ug/Kg	132	*	5		71	114	20
Chrysene	1900	0	2300	ug/Kg	121		4		57	121	20
bis(2-Ethylhexyl)phthalate	1900		2600	ug/Kg	137		4		42	169	20
Di-n-octyl phthalate	1900		2000	ug/Kg	105		5		23	175	20
Benzo(b)fluoranthene	1900	130	2500	ug/Kg	125	*	0		67	121	20
Benzo(k)fluoranthene	1900		2400	ug/Kg	126		5		57	134	20
Benzo(a)pyrene	1900	0	2400	ug/Kg	126		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900		1900	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1900		1800	ug/Kg	95		5		43	123	20
Benzo(g,h,i)perylene	1900		1700	ug/Kg	89		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1900		2200	ug/Kg	116		0		69	124	20
1,4-Dioxane	1900		2000	ug/Kg	105		5		46	112	20
2,3,4,6-Tetrachlorophenol	1900		2300	ug/Kg	121	*	4		69	112	20
1-Methylnaphthalene	1900		1900	ug/Kg	100		5		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3466-02MS	924-K1-WP0-0.25-(BF139004.D		2-Fluorophenol	150	77.10	51		10	139
			Phenol-d6	150	45.00	30		10	134
			Nitrobenzene-d5	100	104.44	104		49	133
			2-Fluorobiphenyl	100	102.58	103		52	132
			2,4,6-Tribromophenol	150	156.91	105		44	137
			Terphenyl-d14	100	114.50	115		48	125
P3466-03MSD	924-K1-WP0-0.25-(BF139005.D		2-Fluorophenol	150	75.06	50		10	139
			Phenol-d6	150	43.22	29		10	134
			Nitrobenzene-d5	100	103.90	104		49	133
			2-Fluorobiphenyl	100	100.07	100		52	132
			2,4,6-Tribromophenol	150	155.59	104		44	137
			Terphenyl-d14	100	112.74	113		48	125

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3474-01	WC-A1-COMP	BF138991.D	2-Fluorophenol	150	71.22	47		18	112
			Phenol-d6	150	72.50	48		15	107
			Nitrobenzene-d5	100	51.28	51		18	107
			2-Fluorobiphenyl	100	50.52	51		20	109
			2,4,6-Tribromophenol	150	67.23	45		10	116
			Terphenyl-d14	100	47.71	48		10	105
P3474-10	WC-B2-COMP	BF138992.D	2-Fluorophenol	150	130.57	87		18	112
			Phenol-d6	150	128.45	86		15	107
			Nitrobenzene-d5	100	87.43	87		18	107
			2-Fluorobiphenyl	100	85.45	85		20	109
			2,4,6-Tribromophenol	150	119.63	80		10	116
			Terphenyl-d14	100	73.92	74		10	105
P3475-01	S-866-N-S0-0-0.5-0BF139006.D		2-Fluorophenol	150	47.65	32		18	112
			Phenol-d6	150	44.79	30		15	107
			Nitrobenzene-d5	100	33.16	33		18	107
			2-Fluorobiphenyl	100	27.07	27		20	109
			2,4,6-Tribromophenol	150	51.41	34		10	116
			Terphenyl-d14	100	30.82	31		10	105
P3475-02	S-866-N-S0-1.0-1.5 BF139007.D		2-Fluorophenol	150	116.61	78		18	112
			Phenol-d6	150	108.21	72		15	107
			Nitrobenzene-d5	100	86.42	86		18	107
			2-Fluorobiphenyl	100	73.68	74		20	109
			2,4,6-Tribromophenol	150	133.49	89		10	116
			Terphenyl-d14	100	81.84	82		10	105
P3475-03MS	S-866-N-S0-1.0-1.5 BF139008.D		2-Fluorophenol	150	132.44	88		18	112
			Phenol-d6	150	123.68	82		15	107
			Nitrobenzene-d5	100	96.92	97		18	107
			2-Fluorobiphenyl	100	85.10	85		20	109
			2,4,6-Tribromophenol	150	152.83	102		10	116
			Terphenyl-d14	100	94.31	94		10	105
P3475-04MSD	S-866-N-S0-1.0-1.5 BF139009.D		2-Fluorophenol	150	138.93	93		18	112
			Phenol-d6	150	129.68	86		15	107
			Nitrobenzene-d5	100	101.12	101		18	107
			2-Fluorobiphenyl	100	86.86	87		20	109
			2,4,6-Tribromophenol	150	155.60	104		10	116
			Terphenyl-d14	100	98.74	99		10	105

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3476-05RE	MUL06RE	BF139003.D	2-Fluorophenol	150	60.16	40		10	139
			Phenol-d6	150	34.34	23		10	134
			Nitrobenzene-d5	100	78.17	78		49	133
			2-Fluorobiphenyl	100	88.52	89		52	132
			2,4,6-Tribromophenol	150	145.93	97		44	137
			Terphenyl-d14	100	107.81	108		48	125
P3476-07RE	MUL07RE	BF139002.D	2-Fluorophenol	150	92.65	62		10	139
			Phenol-d6	150	53.93	36		10	134
			Nitrobenzene-d5	100	100.42	100		49	133
			2-Fluorobiphenyl	100	101.27	101		52	132
			2,4,6-Tribromophenol	150	162.47	108		44	137
			Terphenyl-d14	100	110.24	110		48	125
PB162577BL	PB162577BL	BF138989.D	2-Fluorophenol	150	122.44	82		10	139
			Phenol-d6	150	119.46	80		10	134
			Nitrobenzene-d5	100	80.20	80		49	133
			2-Fluorobiphenyl	100	80.84	81		52	132
			2,4,6-Tribromophenol	150	120.02	80		44	137
			Terphenyl-d14	100	100.72	101		48	125
PB162577BS	PB162577BS	BF138990.D	2-Fluorophenol	150	127.84	85		10	139
			Phenol-d6	150	126.60	84		10	134
			Nitrobenzene-d5	100	87.22	87		49	133
			2-Fluorobiphenyl	100	86.27	86		52	132
			2,4,6-Tribromophenol	150	129.17	86		44	137
			Terphenyl-d14	100	103.25	103		48	125

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3526-01	SP-1-COMP	BF139010.D	2-Fluorophenol	150	84.53	56		18	112
			Phenol-d6	150	75.32	50		15	107
			Nitrobenzene-d5	100	62.14	62		18	107
			2-Fluorobiphenyl	100	53.50	54		20	109
			2,4,6-Tribromophenol	150	88.80	59		10	116
			Terphenyl-d14	100	59.49	59		10	105

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3512-05	931-KI-SD-0.5-1.0- BF138993.D		2-Fluorophenol	150	89.48	60		18	112
			Phenol-d6	150	91.03	61		15	107
			Nitrobenzene-d5	100	63.46	63		18	107
			2-Fluorobiphenyl	100	64.05	64		20	109
			2,4,6-Tribromophenol	150	86.33	58		10	116
			Terphenyl-d14	100	58.08	58		10	105
P3512-06	931-KI-SD-0.5-1.0- BF138994.D		2-Fluorophenol	150	78.24	52		18	112
			Phenol-d6	150	78.01	52		15	107
			Nitrobenzene-d5	100	54.18	54		18	107
			2-Fluorobiphenyl	100	46.97	47		20	109
			2,4,6-Tribromophenol	150	66.75	44		10	116
			Terphenyl-d14	100	42.37	42		10	105

Surrogate Summary

SW-846

SDG No.: **BF081424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3543-01	ARS20-0019	BF138995.D	2-Fluorophenol	150	24.99	17	*	18	112
			Phenol-d6	150	25.89	17		15	107
			Nitrobenzene-d5	100	14.41	14	*	18	107
			2-Fluorobiphenyl	100	10.02	10	*	20	109
			2,4,6-Tribromophenol	150	15.83	11		10	116
			Terphenyl-d14	100	13.17	13		10	105
P3548-01	72-12017-72-11934	BF138996.D	2-Fluorophenol	150	49.57	33		18	112
			Phenol-d6	150	64.09	43		15	107
			Nitrobenzene-d5	100	45.67	46		18	107
			2-Fluorobiphenyl	100	49.34	49		20	109
			2,4,6-Tribromophenol	150	35.01	23		10	116
			Terphenyl-d14	100	45.24	45		10	105
P3548-03	RBR200036	BF138997.D	2-Fluorophenol	150	88.26	59		18	112
			Phenol-d6	150	90.81	61		15	107
			Nitrobenzene-d5	100	59.88	60		18	107
			2-Fluorobiphenyl	100	52.07	52		20	109
			2,4,6-Tribromophenol	150	72.92	49		10	116
			Terphenyl-d14	100	41.62	42		10	105
P3548-06	343	BF138998.D	2-Fluorophenol	150	69.79	47		18	112
			Phenol-d6	150	72.48	48		15	107
			Nitrobenzene-d5	100	48.43	48		18	107
			2-Fluorobiphenyl	100	36.77	37		20	109
			2,4,6-Tribromophenol	150	54.59	36		10	116
			Terphenyl-d14	100	26.36	26		10	105
P3548-09	289	BF139000.D	2-Fluorophenol	150	55.91	37		18	112
			Phenol-d6	150	55.01	37		15	107
			Nitrobenzene-d5	100	37.16	37		18	107
			2-Fluorobiphenyl	100	30.92	31		20	109
			2,4,6-Tribromophenol	150	41.57	28		10	116
			Terphenyl-d14	100	22.98	23		10	105
P3548-12	IN-SITU-SOIL	BF138999.D	2-Fluorophenol	150	73.03	49		18	112
			Phenol-d6	150	78.62	52		15	107
			Nitrobenzene-d5	100	52.60	53		18	107
			2-Fluorobiphenyl	100	44.58	45		20	109
			2,4,6-Tribromophenol	150	59.48	40		10	116
			Terphenyl-d14	100	32.97	33		10	105
P3549-01	SU-04-080924	BF139001.D	2-Fluorophenol	150	59.05	39		18	112
			Phenol-d6	150	53.49	36		15	107
			Nitrobenzene-d5	100	43.06	43		18	107
			2-Fluorobiphenyl	100	44.34	44		20	109
			2,4,6-Tribromophenol	150	56.06	37		10	116
			Terphenyl-d14	100	49.57	50		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081424

Lab Code: CHEM

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF138987.D

DFTPP Injection Date: 08/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.7
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	6.4
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	67.7
443	15.0 - 24.0% of mass 442	12.8 (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	BF138988.D	08/14/2024	12:03
PB162577BL	PB162577BL	BF138989.D	08/14/2024	12:32
PB162577BS	PB162577BS	BF138990.D	08/14/2024	13:02
WC-A1-COMP	P3474-01	BF138991.D	08/14/2024	13:37
WC-B2-COMP	P3474-10	BF138992.D	08/14/2024	14:08
931-KI-SD-0.5-1.0-080724	P3512-05	BF138993.D	08/14/2024	14:38
931-KI-SD-0.5-1.0-080724-FD	P3512-06	BF138994.D	08/14/2024	15:09
ARS20-0019	P3543-01	BF138995.D	08/14/2024	15:40
72-12017-72-11934	P3548-01	BF138996.D	08/14/2024	16:10
RBR200036	P3548-03	BF138997.D	08/14/2024	16:42
343	P3548-06	BF138998.D	08/14/2024	17:12
IN-SITU-SOIL	P3548-12	BF138999.D	08/14/2024	17:43
289	P3548-09	BF139000.D	08/14/2024	18:14
SU-04-080924	P3549-01	BF139001.D	08/14/2024	18:46
MUL07RE	P3476-07RE	BF139002.D	08/14/2024	19:16
MUL06RE	P3476-05RE	BF139003.D	08/14/2024	19:46
924-K1-WP0-0.25-080224MS	P3466-02MS	BF139004.D	08/14/2024	20:16
924-K1-WP0-0.25-080224MSD	P3466-03MSD	BF139005.D	08/14/2024	20:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081424

Lab Code: CHEM

SAS No.: BF081424 SDG NO.: BF081424

Lab File ID: BF138987.D

DFTPP Injection Date: 08/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.7
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	6.4
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	67.7
443	15.0 - 24.0% of mass 442	12.8 (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
S-866-N-S0-0-0.5-080524	P3475-01	BF139006.D	08/14/2024	21:17
S-866-N-S0-1.0-1.5-080524	P3475-02	BF139007.D	08/14/2024	21:47
S-866-N-S0-1.0-1.5-080524MS	P3475-03MS	BF139008.D	08/14/2024	22:17
S-866-N-S0-1.0-1.5-080524MSD	P3475-04MSD	BF139009.D	08/14/2024	22:47
SP-1-COMP	P3526-01	BF139010.D	08/14/2024	23:18