

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG No.: BF081024

Instrument ID: BNA_F Calibration Date/Time: 8/10/2024 1:10:41

Lab File ID: BF138901.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	0.889		8.68	
Pyridine	1.374	1.245		-9.389	
2-Fluorophenol	1.296	1.267		-2.238	
Benzaldehyde	1.043	0.916		-12.176	
Aniline	1.551	1.536		-0.967	
Phenol-d6	1.740	1.736		-0.23	
Phenol	1.832	1.820		-0.601	20.0
bis(2-Chloroethyl) ether	1.409	1.327		-5.82	
2-Chlorophenol	1.363	1.389		1.908	
1,2-Dichlorobenzene	1.439	1.491		3.614	
1,3-Dichlorobenzene	1.526	1.520		-0.393	
1,4-Dichlorobenzene	1.540	1.554		0.909	20.0
Benzyl Alcohol	1.254	1.356		8.134	
2-Methylphenol	1.126	1.130		0.355	
2,2-oxybis(1-Chloropropane)	2.426	2.186		-9.893	
Acetophenone	0.490	0.511		4.286	
3+4-Methylphenols	1.444	1.532		6.094	
n-Nitroso-di-n-propylamine	1.051	1.110	0.050	5.614	
Nitrobenzene-d5	0.409	0.425		3.912	
Hexachloroethane	0.580	0.601		3.621	
Nitrobenzene	0.416	0.425		2.163	
Isophorone	0.699	0.702		0.429	
2-Nitrophenol	0.179	0.184		2.793	20.0
2,4-Dimethylphenol	0.214	0.216		0.935	
bis(2-Chloroethoxy) methane	0.425	0.416		-2.118	
2,4-Dichlorophenol	0.275	0.287		4.364	20.0
1,2,4-Trichlorobenzene	0.318	0.328		3.145	
Benzoic acid	0.168	0.143		-14.881	
Naphthalene	1.053	1.059		0.57	
4-Chloroaniline	0.353	0.327		-7.365	
Hexachlorobutadiene	0.192	0.208		8.333	20.0
Caprolactam	0.082	0.088		7.317	
4-Chloro-3-methylphenol	0.315	0.337		6.984	20.0
2-Methylnaphthalene	0.665	0.691		3.91	
Hexachlorocyclopentadiene	0.120	0.164	0.050	36.667	
2,4,6-Trichlorophenol	0.339	0.337		-0.59	20.0
2-Fluorobiphenyl	1.331	1.376		3.381	
2,4,5-Trichlorophenol	0.370	0.377		1.892	
1,1-Biphenyl	1.566	1.559		-0.447	

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Lab File ID: BF138901.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.167		0.172	
2-Nitroaniline	0.395	0.408		3.291	
Dimethylphthalate	1.279	1.355		5.942	
Acenaphthylene	1.652	1.642		-0.605	
2,6-Dinitrotoluene	0.289	0.309		6.92	
3-Nitroaniline	0.298	0.298		0.0	
Acenaphthene	1.111	1.104		-0.63	20.0
2,4-Dinitrophenol	0.133	0.153	0.050	15.038	
4-Nitrophenol	0.179	0.193	0.050	7.821	
Dibenzofuran	1.568	1.590		1.403	
2,4-Dinitrotoluene	0.368	0.405		10.054	
Diethylphthalate	1.213	1.342		10.635	
4-Chlorophenyl-phenylether	0.614	0.659		7.329	
Fluorene	1.249	1.309		4.804	
4-Nitroaniline	0.284	0.296		4.225	
4,6-Dinitro-2-methylphenol	0.122	0.128		4.918	
n-Nitrosodiphenylamine	0.625	0.637		1.92	20.0
Azobenzene	1.345	1.363		1.338	
2,4,6-Tribromophenol	0.164	0.177		7.927	
4-Bromophenyl-phenylether	0.217	0.225		3.687	
Hexachlorobenzene	0.224	0.229		2.232	
Atrazine	0.161	0.148		-8.075	
Pentachlorophenol	0.101	0.121		19.802	20.0
Phenanthrene	1.030	1.051		2.039	
Anthracene	1.015	1.029		1.379	
Carbazole	0.875	0.883		0.914	
Di-n-butylphthalate	0.984	1.131		14.939	
Fluoranthene	0.961	0.969		0.832	20.0
Benzidine	0.478	0.518		8.368	
Pyrene	1.883	2.088		10.887	
Terphenyl-d14	1.195	1.360		13.808	
Butylbenzylphthalate	0.603	0.668		10.779	
3,3-Dichlorobenzidine	0.352	0.373		5.966	
Benzo(a)anthracene	1.377	1.402		1.816	
Chrysene	1.243	1.236		-0.563	
Bis(2-ethylhexyl)phthalate	0.883	0.871		-1.359	
Di-n-octyl phthalate	1.634	1.522		-6.854	20.0
Benzo(b)fluoranthene	1.240	1.227		-1.048	
Benzo(k)fluoranthene	1.073	1.114		3.821	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG No.: BF081024

Instrument ID: BNA_F Calibration Date/Time: 8/10/2024 1:10:41

Lab File ID: BF138901.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	1.061		1.726	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.363		-4.885	
Dibenzo(a,h)anthracene	1.177	1.113		-5.438	
Benzo(g,h,i)perylene	1.221	1.134		-7.125	
1,2,4,5-Tetrachlorobenzene	0.556	0.570		2.518	
1,4-Dioxane	0.567	0.483		-14.815	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.291		2.827	
1-Methylnaphthalene	0.652	0.672		3.067	

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:	PB162577TB	SDG No.:	BF081024
Lab Sample ID:	PB162577TB	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
BF138902.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	PB162577TB	SDG No.:	BF081024
Lab Sample ID:	PB162577TB	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
BF138902.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	PB162577TB	SDG No.:	BF081024
Lab Sample ID:	PB162577TB	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
BF138902.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	145.588		10-139		97	SPK: -150
13127-88-3	Phenol-d6	144.837		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	96.784		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	97.421		52-132		97	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:	PB162577TB	SDG No.:	BF081024
Lab Sample ID:	PB162577TB	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
BF138902.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.041		32-145		107	SPK: -150
1718-51-0	Terphenyl-d14	111.447		36-145		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43918	6.839				
1146-65-2	Naphthalene-d8	182701	8.122				
15067-26-2	Acenaphthene-d10	107188	9.875				
1517-22-2	Phenanthrene-d10	206263	11.363				
1719-03-5	Chrysene-d12	130877	14.004				
1520-96-3	Perylene-d12	91416	15.468				

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:	TS09	SDG No.:	BF081024
Lab Sample ID:	P3479-03	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
BF138903.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS09	SDG No.:	BF081024
Lab Sample ID:	P3479-03	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
BF138903.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS09	SDG No.:	BF081024
Lab Sample ID:	P3479-03	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
BF138903.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	58.368		10-139		39	SPK: -150
13127-88-3	Phenol-d6	33.832		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	107.678		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	105.548		52-132		106	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:	TS09	SDG No.:	BF081024
Lab Sample ID:	P3479-03	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
BF138903.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	168.281		32-145		112	SPK: -150
1718-51-0	Terphenyl-d14	130.831		36-145		131	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37445	6.84				
1146-65-2	Naphthalene-d8	149499	8.116				
15067-26-2	Acenaphthene-d10	82973	9.869				
1517-22-2	Phenanthrene-d10	141300	11.357				
1719-03-5	Chrysene-d12	64391	13.998				
1520-96-3	Perylene-d12	80935	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:	TS10	SDG No.:	BF081024
Lab Sample ID:	P3479-05	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
BF138904.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS10	SDG No.:	BF081024
Lab Sample ID:	P3479-05	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
BF138904.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS10	SDG No.:	BF081024
Lab Sample ID:	P3479-05	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
BF138904.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	55.377		10-139		37	SPK: -150
13127-88-3	Phenol-d6	32.069		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	102.845		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	98.362		52-132		98	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:	TS10	SDG No.:	BF081024
Lab Sample ID:	P3479-05	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
BF138904.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.019		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	129.589		36-145		130	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38750	6.84				
1146-65-2	Naphthalene-d8	155012	8.116				
15067-26-2	Acenaphthene-d10	86946	9.875				
1517-22-2	Phenanthrene-d10	150024	11.357				
1719-03-5	Chrysene-d12	68627	13.998				
1520-96-3	Perylene-d12	82836	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:	TS08	SDG No.:	BF081024
Lab Sample ID:	P3479-01	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
BF138905.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS08	SDG No.:	BF081024
Lab Sample ID:	P3479-01	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
BF138905.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS08	SDG No.:	BF081024
Lab Sample ID:	P3479-01	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
BF138905.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	62.065		10-139		41	SPK: -150
13127-88-3	Phenol-d6	36.688		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	113.179		49-133		113	SPK: -100
321-60-8	2-Fluorobiphenyl	112.233		52-132		112	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:	TS08	SDG No.:	BF081024
Lab Sample ID:	P3479-01	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
BF138905.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.348		32-145		116	SPK: -150
1718-51-0	Terphenyl-d14	145.457		36-145		145	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37182	6.84				
1146-65-2	Naphthalene-d8	149406	8.116				
15067-26-2	Acenaphthene-d10	84158	9.869				
1517-22-2	Phenanthrene-d10	149287	11.357				
1719-03-5	Chrysene-d12	65618	13.998				
1520-96-3	Perylene-d12	78556	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:	TS11	SDG No.:	BF081024
Lab Sample ID:	P3479-07	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
BF138906.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS11	SDG No.:	BF081024
Lab Sample ID:	P3479-07	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
BF138906.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	TS11			SDG No.:	BF081024		
Lab Sample ID:	P3479-07			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138906.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	67.871		10-139		45	SPK: -150
13127-88-3	Phenol-d6	42.845		10-134		29	SPK: -150
4165-60-0	Nitrobenzene-d5	110.1		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	108.102		52-132		108	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:	TS11	SDG No.:	BF081024
Lab Sample ID:	P3479-07	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
BF138906.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.524		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	146.012	*	36-145		146	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36947	6.839				
1146-65-2	Naphthalene-d8	150801	8.122				
15067-26-2	Acenaphthene-d10	84430	9.869				
1517-22-2	Phenanthrene-d10	153129	11.357				
1719-03-5	Chrysene-d12	70301	13.998				
1520-96-3	Perylene-d12	78910	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:	TOPSOILMS	SDG No.:	BF081024
Lab Sample ID:	P3464-02MS	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
BF138907.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	25.7		1	8	10	ug/L
110-86-1	Pyridine	16.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	J	4	8	10	ug/L
62-53-3	Aniline	36.1		1.6	4	5	ug/L
108-95-2	Phenol	16.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	39		1.6	8	10	ug/L
95-48-7	2-Methylphenol	36.3		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	51		1.4	4	5	ug/L
98-86-2	Acetophenone	56.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	34.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	60		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.4		1	4	5	ug/L
98-95-3	Nitrobenzene	54.6		1.3	4	5	ug/L
78-59-1	Isophorone	59.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	55.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	54.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	51		1.1	4	5	ug/L
65-85-0	Benzoic acid	8.9	J	5.5	8	10	ug/L
91-20-3	Naphthalene	52.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	47.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.2		1.3	4	5	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:	TOPSOILMS	SDG No.:	BF081024
Lab Sample ID:	P3464-02MS	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
BF138907.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9.8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	54		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	57.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	58		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	55.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	55.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	58		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	66.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	68.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	65.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	63.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	49.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	60.5		0.81	4	5	ug/L
Total PAH	Total PAH	992.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	22.7		2	8	10	ug/L
132-64-9	Dibenzofuran	63.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	68.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	67.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	64.5		0.98	4	5	ug/L
86-73-7	Fluorene	65.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	58.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	62.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	67.1		0.89	4	5	ug/L
103-33-3	Azobenzene	63.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	65.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	65.1		1.1	4	5	ug/L
1912-24-9	Atrazine	69.1		1.3	4	5	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:	TOPSOILMS	SDG No.:	BF081024
Lab Sample ID:	P3464-02MS	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
BF138907.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	65.9		0.89	4	5	ug/L
120-12-7	Anthracene	67.2		1.1	4	5	ug/L
86-74-8	Carbazole	61.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	68.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	58.5		1.3	4	5	ug/L
92-87-5	Benzidine	21.7		4.1	8	10	ug/L
129-00-0	Pyrene	56.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	66.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	69.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	64.8		0.94	4	5	ug/L
218-01-9	Chrysene	63.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	63.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	61.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	70.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	69.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	60		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	58.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.3		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	17.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	58.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	54.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.182		10-139		38	SPK: -150
13127-88-3	Phenol-d6	35.517		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	98.333		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	102.525		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:	TOPSOILMS	SDG No.:	BF081024
Lab Sample ID:	P3464-02MS	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
BF138907.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.235		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	108.571		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33698	6.84				
1146-65-2	Naphthalene-d8	136116	8.122				
15067-26-2	Acenaphthene-d10	74378	9.875				
1517-22-2	Phenanthrene-d10	121648	11.363				
1719-03-5	Chrysene-d12	62393	14.004				
1520-96-3	Perylene-d12	73011	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:	TOPSOILMSD	SDG No.:	BF081024
Lab Sample ID:	P3464-02MSD	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
BF138908.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	23.6		1	8	10	ug/L
110-86-1	Pyridine	14.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	32.5		1.6	4	5	ug/L
108-95-2	Phenol	14.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	41.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	39.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	35.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	32.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.1		1.4	4	5	ug/L
98-86-2	Acetophenone	50.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	31		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	54.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	40.1		1	4	5	ug/L
98-95-3	Nitrobenzene	49		1.3	4	5	ug/L
78-59-1	Isophorone	53		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	8.6	J	5.5	8	10	ug/L
91-20-3	Naphthalene	47.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	42.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.5		1.3	4	5	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:	TOPSOILMSD	SDG No.:	BF081024
Lab Sample ID:	P3464-02MSD	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
BF138908.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	51.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	97.9	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	51.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	56		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	58.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	57.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	54.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	42		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.3		0.81	4	5	ug/L
Total PAH	Total PAH	882.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	91.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	17.7		2	8	10	ug/L
132-64-9	Dibenzofuran	54.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	49.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	55.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	57.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.9		0.98	4	5	ug/L
86-73-7	Fluorene	54.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	57		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	62.3		0.89	4	5	ug/L
103-33-3	Azobenzene	53.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	59.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	60		1.1	4	5	ug/L
1912-24-9	Atrazine	62.2		1.3	4	5	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:	TOPSOILMSD	SDG No.:	BF081024
Lab Sample ID:	P3464-02MSD	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
BF138908.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	60.1		0.89	4	5	ug/L
120-12-7	Anthracene	61.3		1.1	4	5	ug/L
86-74-8	Carbazole	56.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	61.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	54.6		1.3	4	5	ug/L
92-87-5	Benzidine	23.3		4.1	8	10	ug/L
129-00-0	Pyrene	48.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	65.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	57.8		0.94	4	5	ug/L
218-01-9	Chrysene	57.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	55.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	62.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	61.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	15.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	48		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	52.678		10-139		35	SPK: -150
13127-88-3	Phenol-d6	31.034		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	88.99		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	91.078		52-132		91	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:	TOPSOILMSD	SDG No.:	BF081024
Lab Sample ID:	P3464-02MSD	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
BF138908.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.198		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	91.541		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34903	6.84				
1146-65-2	Naphthalene-d8	140861	8.122				
15067-26-2	Acenaphthene-d10	76790	9.875				
1517-22-2	Phenanthrene-d10	113664	11.363				
1719-03-5	Chrysene-d12	65712	14.004				
1520-96-3	Perylene-d12	78199	15.463				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS	SDG No.:	BF081024
Lab Sample ID:	P3415-04MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138909.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	25.9		1.1	8.3	10.4	ug/L
110-86-1	Pyridine	17.1		1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	38.9		1.7	4.2	5.2	ug/L
108-95-2	Phenol	17.3		0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	56.4		1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	48.4		0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	47.4		0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	45		0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	46		0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	40.7		1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	40.2		1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	54.7		1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	58.3		1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	37		1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	64.6		1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	44.2		1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	57.1		1.3	4.2	5.2	ug/L
78-59-1	Isophorone	61.3		1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	59.4		2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	59.9		1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	58.2		1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	57.6		0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.7		1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	9	J	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	52.1		1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	48.5		1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	46.5		1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS	SDG No.:	BF081024
Lab Sample ID:	P3415-04MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BF138909.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.2	J	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	54.2		0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	57.3		1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	57.9		0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	53.7		1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	55.1		0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	57.3		1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	64.8		1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	65.9		0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	64.7		1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	62.8		1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	46.8		1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	59.4		0.84	4.2	5.2	ug/L
Total PAH	Total PAH	959.9		17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	21		2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	63		0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	63		1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25.8		2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	66		1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	64.5		1	4.2	5.2	ug/L
86-73-7	Fluorene	63.1		1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	56.3		2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.4		3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	66.2		0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	62.4		1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	65.2		0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	63.5		1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	72		1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS	SDG No.:	BF081024
Lab Sample ID:	P3415-04MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BF138909.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.5	E	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	64.6		0.93	4.2	5.2	ug/L
120-12-7	Anthracene	66.9		1.1	4.2	5.2	ug/L
86-74-8	Carbazole	59.9		1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	66.9		1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	55.9		1.3	4.2	5.2	ug/L
92-87-5	Benzidine	35.6		4.2	8.3	10.4	ug/L
129-00-0	Pyrene	56.2		1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	67		2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	70.5		1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	63.3		0.98	4.2	5.2	ug/L
218-01-9	Chrysene	64.1		0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	64.9		2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	62.5		2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	57.7		1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	68.1		1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	66.2		1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.5		1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.4		1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	46.7		1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.4		1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	18.2		1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	58.9		0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	55.8		0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.409		10-139		42	SPK: -150
13127-88-3	Phenol-d6	38.901		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	108.213		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	110.109		52-132		110	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS	SDG No.:	BF081024
Lab Sample ID:	P3415-04MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BF138909.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.504		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	116.447		36-145		116	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35990	6.839				
1146-65-2	Naphthalene-d8	150436	8.122				
15067-26-2	Acenaphthene-d10	82692	9.875				
1517-22-2	Phenanthrene-d10	131267	11.363				
1719-03-5	Chrysene-d12	65057	14.004				
1520-96-3	Perylene-d12	78552	15.462				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD	SDG No.:	BF081024
Lab Sample ID:	P3415-05MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138910.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	26.3		1.1	8.3	10.4	ug/L
110-86-1	Pyridine	17.9		1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.3	J	4.2	8.3	10.4	ug/L
62-53-3	Aniline	39.9		1.7	4.2	5.2	ug/L
108-95-2	Phenol	17.8		0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	58.1		1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	50.6		0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	48.7		0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	45.9		0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	47.6		0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	41.7		1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	40.6		1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	56.6		1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	62.4		1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	38.4		1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	66.6		1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	44.7		1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	61.4		1.3	4.2	5.2	ug/L
78-59-1	Isophorone	66.7		1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	63.1		2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	62.9		1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	62.7		1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	61.2		0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	53.5		1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	9.7	J	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	55.9		1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	51.5		1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	49.2		1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD	SDG No.:	BF081024
Lab Sample ID:	P3415-05MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138910.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9.8	J	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	58.5		0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	62.5		1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	60.7		0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	58.3		1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	56.8		0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	59.8		1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	67.7		1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	67.2		0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	68.1		1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	65.3		1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	48.8		1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	61.4		0.84	4.2	5.2	ug/L
Total PAH	Total PAH	1014		17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	22.8		2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	65.7		0.97	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	33.8		2.9	4.2	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	68.5		1.6	4.2	5.2	ug/L
84-66-2	Diethylphthalate	70.5		1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	66		1	4.2	5.2	ug/L
86-73-7	Fluorene	66.1		1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	60.2		2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	66.3		3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	69.4		0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	65.2		1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	66		0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	65.7		1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	78.2		1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD	SDG No.:	BF081024
Lab Sample ID:	P3415-05MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BF138910.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91	E	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	67.4		0.93	4.2	5.2	ug/L
120-12-7	Anthracene	69.1		1.1	4.2	5.2	ug/L
86-74-8	Carbazole	64.4		1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	71.3		1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	59		1.3	4.2	5.2	ug/L
92-87-5	Benzidine	37.3		4.2	8.3	10.4	ug/L
129-00-0	Pyrene	60.7		1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	71.1		2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	74.3		1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	67.3		0.98	4.2	5.2	ug/L
218-01-9	Chrysene	69		0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	67.7		2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	66.5		2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	60.9		1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	73.1		1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	69.2		1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	58.6		1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	58.3		1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	49.9		1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	56.1		1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	19.2		1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	61.5		0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	59.2		0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	65.944		10-139		44	SPK: -150
13127-88-3	Phenol-d6	40.179		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	117.457		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	114.355		52-132		114	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD	SDG No.:	BF081024
Lab Sample ID:	P3415-05MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BF138910.D	1	8/1/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	171.852		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	126.516		36-145		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34319	6.839				
1146-65-2	Naphthalene-d8	136930	8.122				
15067-26-2	Acenaphthene-d10	78360	9.875				
1517-22-2	Phenanthrene-d10	126223	11.363				
1719-03-5	Chrysene-d12	61844	14.004				
1520-96-3	Perylene-d12	75440	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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138911.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138911.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138911.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	47.06		10-139		31	SPK: -150
13127-88-3	Phenol-d6	27.059		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	86.499		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	83.531		52-132		84	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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138911.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.263		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	85.454		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33741	6.84				
1146-65-2	Naphthalene-d8	138712	8.116				
15067-26-2	Acenaphthene-d10	77568	9.869				
1517-22-2	Phenanthrene-d10	124451	11.357				
1719-03-5	Chrysene-d12	61945	13.998				
1520-96-3	Perylene-d12	75880	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:	932-K1-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	920	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
BF138912.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.7	10.9	ug/L
110-86-1	Pyridine	1.7	U	1.7	4.3	5.4	ug/L
100-52-7	Benzaldehyde	4.3	U	4.3	8.7	10.9	ug/L
62-53-3	Aniline	1.7	U	1.7	4.3	5.4	ug/L
108-95-2	Phenol	1	U	1	4.3	5.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.3	5.4	ug/L
95-57-8	2-Chlorophenol	0.77	U	0.77	4.3	5.4	ug/L
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	4.3	5.4	ug/L
541-73-1	1,3-Dichlorobenzene	0.87	U	0.87	4.3	5.4	ug/L
106-46-7	1,4-Dichlorobenzene	0.91	U	0.91	4.3	5.4	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.7	10.9	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.3	5.4	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	4.3	5.4	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.3	5.4	ug/L
65794-96-9	3+4-Methylphenols	1.3	U	1.3	8.7	10.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.6	U	1.6	2.7	2.7	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.3	5.4	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.3	5.4	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.3	5.4	ug/L
88-75-5	2-Nitrophenol	2.1	U	2.1	4.3	5.4	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.3	5.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.3	5.4	ug/L
120-83-2	2,4-Dichlorophenol	0.96	U	0.96	4.3	5.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.3	5.4	ug/L
65-85-0	Benzoic acid	5.9	U	5.9	8.7	10.9	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.3	5.4	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.3	5.4	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.3	5.4	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:	932-K1-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	920	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
BF138912.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.8	U	1.8	8.7	10.9	ug/L
59-50-7	4-Chloro-3-methylphenol	0.91	U	0.91	4.3	5.4	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.3	5.4	ug/L
77-47-4	Hexachlorocyclopentadiene	5.5	U	5.5	8.7	10.9	ug/L
88-06-2	2,4,6-Trichlorophenol	0.97	U	0.97	4.3	5.4	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.3	5.4	ug/L
92-52-4	1,1-Biphenyl	0.99	U	0.99	4.3	5.4	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	4.3	5.4	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.3	5.4	ug/L
131-11-3	Dimethylphthalate	1	U	1	4.3	5.4	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.3	5.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.3	5.4	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	4.3	5.4	ug/L
83-32-9	Acenaphthene	0.88	U	0.88	4.3	5.4	ug/L
Total PAH	Total PAH	18.78	U	18.78	4.3	86.4	ug/L
51-28-5	2,4-Dinitrophenol	7	U	7	8.7	10.9	ug/L
100-02-7	4-Nitrophenol	2.2	U	2.2	8.7	10.9	ug/L
132-64-9	Dibenzofuran	1	U	1	4.3	5.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.7	U	1.7	4.3	5.4	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3	U	3	4.3	10.8	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.3	5.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	4.3	5.4	ug/L
86-73-7	Fluorene	1	U	1	4.3	5.4	ug/L
100-01-6	4-Nitroaniline	2.2	U	2.2	4.3	5.4	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.3	U	3.3	8.7	10.9	ug/L
86-30-6	n-Nitrosodiphenylamine	0.97	U	0.97	4.3	5.4	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.3	5.4	ug/L
101-55-3	4-Bromophenyl-phenylether	1	U	1	4.3	5.4	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.3	5.4	ug/L
1912-24-9	Atrazine	1.4	U	1.4	4.3	5.4	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:	932-K1-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	920	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
BF138912.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2	U	2	8.7	10.9	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	4.3	5.4	ug/L
120-12-7	Anthracene	1.2	U	1.2	4.3	5.4	ug/L
86-74-8	Carbazole	1.3	U	1.3	4.3	5.4	ug/L
84-74-2	Di-n-butylphthalate	1.6	U	1.6	4.3	5.4	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.3	5.4	ug/L
92-87-5	Benzidine	4.4	U	4.4	8.7	10.9	ug/L
129-00-0	Pyrene	1.2	U	1.2	4.3	5.4	ug/L
85-68-7	Butylbenzylphthalate	2.3	U	2.3	4.3	5.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	8.7	10.9	ug/L
56-55-3	Benzo(a)anthracene	1	U	1	4.3	5.4	ug/L
218-01-9	Chrysene	0.93	U	0.93	4.3	5.4	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	4.3	5.4	ug/L
117-84-0	Di-n-octyl phthalate	2.7	U	2.7	8.7	10.9	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.3	5.4	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.3	5.4	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	4.3	5.4	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.3	5.4	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	4.3	5.4	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.3	5.4	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.3	5.4	ug/L
123-91-1	1,4-Dioxane	1.4	U	1.4	4.3	5.4	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.86	U	0.86	4.3	5.4	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	4.3	5.4	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	94.475		10-139		63	SPK: -150
13127-88-3	Phenol-d6	64.944		10-134		43	SPK: -150
4165-60-0	Nitrobenzene-d5	106.795		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	106.702		52-132		107	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:	932-K1-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	920 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
BF138912.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.274		32-145		112	SPK: -150
1718-51-0	Terphenyl-d14	124.115		36-145		124	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35364	6.84				
1146-65-2	Naphthalene-d8	145974	8.116				
15067-26-2	Acenaphthene-d10	79593	9.869				
1517-22-2	Phenanthrene-d10	131212	11.357				
1719-03-5	Chrysene-d12	62865	13.998				
1520-96-3	Perylene-d12	75793	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	250	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.7	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	2.4	J			8.44	
000111-06-8	Hexadecanoic acid, butyl ester	4.4	J			12.751	
959275-58-2	Isobutyl tetradecyl carbonate	3.6	J			13.833	

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:	919-J-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	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
BF138913.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.9	11.1	ug/L
110-86-1	Pyridine	1.7	U	1.7	4.4	5.6	ug/L
100-52-7	Benzaldehyde	4.4	U	4.4	8.9	11.1	ug/L
62-53-3	Aniline	1.8	U	1.8	4.4	5.6	ug/L
108-95-2	Phenol	1	U	1	4.4	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.4	5.6	ug/L
95-57-8	2-Chlorophenol	0.79	U	0.79	4.4	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	4.4	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	0.89	U	0.89	4.4	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	0.93	U	0.93	4.4	5.6	ug/L
100-51-6	Benzyl Alcohol	1.8	U	1.8	8.9	11.1	ug/L
95-48-7	2-Methylphenol	1.3	U	1.3	4.4	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	4.4	5.6	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.4	5.6	ug/L
65794-96-9	3+4-Methylphenols	1.3	U	1.3	8.9	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.6	U	1.6	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.4	5.6	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.4	5.6	ug/L
78-59-1	Isophorone	1.3	U	1.3	4.4	5.6	ug/L
88-75-5	2-Nitrophenol	2.2	U	2.2	4.4	5.6	ug/L
105-67-9	2,4-Dimethylphenol	1.7	U	1.7	4.4	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.4	5.6	ug/L
120-83-2	2,4-Dichlorophenol	0.98	U	0.98	4.4	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.4	5.6	ug/L
65-85-0	Benzoic acid	6.1	U	6.1	8.9	11.1	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.4	5.6	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.4	5.6	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.4	5.6	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:	919-J-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	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
BF138913.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.8	U	1.8	8.9	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.93	U	0.93	4.4	5.6	ug/L
91-57-6	2-Methylnaphthalene	1.3	U	1.3	4.4	5.6	ug/L
77-47-4	Hexachlorocyclopentadiene	5.6	U	5.6	8.9	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.99	U	0.99	4.4	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.4	5.6	ug/L
92-52-4	1,1-Biphenyl	1	U	1	4.4	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	4.4	5.6	ug/L
88-74-4	2-Nitroaniline	1.6	U	1.6	4.4	5.6	ug/L
131-11-3	Dimethylphthalate	1	U	1	4.4	5.6	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	4.4	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	4.4	5.6	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	4.4	5.6	ug/L
83-32-9	Acenaphthene	0.9	U	0.9	4.4	5.6	ug/L
Total PAH	Total PAH	19.25	U	19.25	4.4	89.6	ug/L
51-28-5	2,4-Dinitrophenol	7.1	U	7.1	8.9	11.1	ug/L
100-02-7	4-Nitrophenol	2.2	U	2.2	8.9	11.1	ug/L
132-64-9	Dibenzofuran	1	U	1	4.4	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.1	U	3.1	4.4	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.7	U	1.7	4.4	5.6	ug/L
84-66-2	Diethylphthalate	1.2	U	1.2	4.4	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	4.4	5.6	ug/L
86-73-7	Fluorene	1.1	U	1.1	4.4	5.6	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4.4	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.4	U	3.4	8.9	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.99	U	0.99	4.4	5.6	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.4	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.4	5.6	ug/L
118-74-1	Hexachlorobenzene	1.3	U	1.3	4.4	5.6	ug/L
1912-24-9	Atrazine	1.4	U	1.4	4.4	5.6	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:	919-J-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900 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
BF138913.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.1	U	2.1	8.9	11.1	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	4.4	5.6	ug/L
120-12-7	Anthracene	1.2	U	1.2	4.4	5.6	ug/L
86-74-8	Carbazole	1.3	U	1.3	4.4	5.6	ug/L
84-74-2	Di-n-butylphthalate	1.6	U	1.6	4.4	5.6	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.4	5.6	ug/L
92-87-5	Benzidine	4.5	U	4.5	8.9	11.1	ug/L
129-00-0	Pyrene	1.2	U	1.2	4.4	5.6	ug/L
85-68-7	Butylbenzylphthalate	2.3	U	2.3	4.4	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	8.9	11.1	ug/L
56-55-3	Benzo(a)anthracene	1	U	1	4.4	5.6	ug/L
218-01-9	Chrysene	0.96	U	0.96	4.4	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	4.4	5.6	ug/L
117-84-0	Di-n-octyl phthalate	2.8	U	2.8	8.9	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.3	U	1.3	4.4	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.4	5.6	ug/L
50-32-8	Benzo(a)pyrene	1.9	U	1.9	4.4	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.4	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	4.4	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.4	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.4	5.6	ug/L
123-91-1	1,4-Dioxane	1.4	U	1.4	4.4	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.88	U	0.88	4.4	5.6	ug/L
90-12-0	1-Methylnaphthalene	0.96	U	0.96	4.4	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	78.46		10-139		52	SPK: -150
13127-88-3	Phenol-d6	50.445		10-134		34	SPK: -150
4165-60-0	Nitrobenzene-d5	103.868		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	99.047		52-132		99	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:	919-J-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900 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
BF138913.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.24		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	122.591		36-145		123	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36874	6.84				
1146-65-2	Naphthalene-d8	150172	8.116				
15067-26-2	Acenaphthene-d10	82467	9.869				
1517-22-2	Phenanthrene-d10	140348	11.357				
1719-03-5	Chrysene-d12	64489	13.998				
1520-96-3	Perylene-d12	82323	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	250	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6	A			5.057	
000111-06-8	Hexadecanoic acid, butyl ester	5.5	J			12.751	

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:	MUL07	SDG No.:	BF081024
Lab Sample ID:	P3476-07	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
BF138914.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL07	SDG No.:	BF081024
Lab Sample ID:	P3476-07	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
BF138914.D	1	8/7/2024 12:00:00 AM	8/10/2024 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
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	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:	MUL07	SDG No.:	BF081024
Lab Sample ID:	P3476-07	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
BF138914.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	89.43		10-139		60	SPK: -150
13127-88-3	Phenol-d6	57.439		10-134		38	SPK: -150
4165-60-0	Nitrobenzene-d5	93.55		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	98.471		52-132		98	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:	MUL07	SDG No.:	BF081024
Lab Sample ID:	P3476-07	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
BF138914.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.144		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	89.184		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34659	6.839				
1146-65-2	Naphthalene-d8	144676	8.122				
15067-26-2	Acenaphthene-d10	74060	9.869				
1517-22-2	Phenanthrene-d10	112514	11.357				
1719-03-5	Chrysene-d12	66059	13.998				
1520-96-3	Perylene-d12	79830	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-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138915.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	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-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138915.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	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-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138915.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.325		10-139		38	SPK: -150
13127-88-3	Phenol-d6	33.163		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	95.327		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	98.135		52-132		98	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-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 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
BF138915.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.54		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	111.742		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39664	6.84				
1146-65-2	Naphthalene-d8	160989	8.116				
15067-26-2	Acenaphthene-d10	89864	9.869				
1517-22-2	Phenanthrene-d10	156314	11.357				
1719-03-5	Chrysene-d12	70605	13.998				
1520-96-3	Perylene-d12	83219	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.2	J			8.434	
000134-62-3	Diethyltoluamide	2.4	J			10.251	
000057-10-3	n-Hexadecanoic acid	2.8	J			11.881	
000111-06-8	Hexadecanoic acid, butyl ester	6.1	J			12.751	
000110-36-1	Butyl myristate	3.8	J			13.457	
1000314-61-5	Carbonic acid, isobutyl octadecyl	7	J			13.827	
000111-02-4	Squalene	2.4	J			14.822	
1000495-97-1	Syringaresinol (isomer 2)	6.9	J			14.974	

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:	932-K1-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138916.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	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:	932-K1-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138916.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	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:	932-K1-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138916.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.069		10-139		37	SPK: -150
13127-88-3	Phenol-d6	32.622		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	97.858		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	98.928		52-132		99	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:	932-K1-WS-080224	SDG No.:	BF081024
Lab Sample ID:	P3457-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 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
BF138916.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.331		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	106.258		36-145		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37230	6.839				
1146-65-2	Naphthalene-d8	143891	8.122				
15067-26-2	Acenaphthene-d10	78846	9.869				
1517-22-2	Phenanthrene-d10	133629	11.357				
1719-03-5	Chrysene-d12	64457	13.998				
1520-96-3	Perylene-d12	79602	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.4	J			8.439	
000112-37-8	Undecanoic acid	2.3	J			11.88	
000111-06-8	Hexadecanoic acid, butyl ester	3.5	J			12.751	
074339-53-0	Trichloroacetic acid, pentadecyl e	6.9	J			13.827	

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-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	940	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
BF138917.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.5	10.6	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.3	5.3	ug/L
100-52-7	Benzaldehyde	4.3	U	4.3	8.5	10.6	ug/L
62-53-3	Aniline	1.7	U	1.7	4.3	5.3	ug/L
108-95-2	Phenol	0.99	U	0.99	4.3	5.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.3	5.3	ug/L
95-57-8	2-Chlorophenol	0.76	U	0.76	4.3	5.3	ug/L
95-50-1	1,2-Dichlorobenzene	0.94	U	0.94	4.3	5.3	ug/L
541-73-1	1,3-Dichlorobenzene	0.85	U	0.85	4.3	5.3	ug/L
106-46-7	1,4-Dichlorobenzene	0.89	U	0.89	4.3	5.3	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.5	10.6	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.3	5.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.3	5.3	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.3	5.3	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.5	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.6	U	1.6	2.7	2.7	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.3	5.3	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.3	5.3	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.3	5.3	ug/L
88-75-5	2-Nitrophenol	2.1	U	2.1	4.3	5.3	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.3	5.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.3	5.3	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	4.3	5.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.3	5.3	ug/L
65-85-0	Benzoic acid	5.8	U	5.8	8.5	10.6	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.3	5.3	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.3	5.3	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.3	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-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	940	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
BF138917.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.8	U	1.8	8.5	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	0.89	U	0.89	4.3	5.3	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.3	5.3	ug/L
77-47-4	Hexachlorocyclopentadiene	5.3	U	5.3	8.5	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	0.95	U	0.95	4.3	5.3	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.3	5.3	ug/L
92-52-4	1,1-Biphenyl	0.97	U	0.97	4.3	5.3	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.3	5.3	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.3	5.3	ug/L
131-11-3	Dimethylphthalate	0.99	U	0.99	4.3	5.3	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.3	5.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.3	5.3	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	4.3	5.3	ug/L
83-32-9	Acenaphthene	0.86	U	0.86	4.3	5.3	ug/L
Total PAH	Total PAH	18.42	U	18.42	4.3	84.8	ug/L
51-28-5	2,4-Dinitrophenol	6.8	U	6.8	8.5	10.6	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.5	10.6	ug/L
132-64-9	Dibenzofuran	0.99	U	0.99	4.3	5.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.3	10.6	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.3	5.3	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.3	5.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.3	5.3	ug/L
86-73-7	Fluorene	1	U	1	4.3	5.3	ug/L
100-01-6	4-Nitroaniline	2.2	U	2.2	4.3	5.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.3	U	3.3	8.5	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	0.95	U	0.95	4.3	5.3	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.3	5.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1	U	1	4.3	5.3	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.3	5.3	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.3	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-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	940	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
BF138917.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2	U	2	8.5	10.6	ug/L
85-01-8	Phenanthrene	0.95	U	0.95	4.3	5.3	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.3	5.3	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.3	5.3	ug/L
84-74-2	Di-n-butylphthalate	1.6	U	1.6	4.3	5.3	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.3	5.3	ug/L
92-87-5	Benzidine	4.3	U	4.3	8.5	10.6	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.3	5.3	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.3	5.3	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	8.5	10.6	ug/L
56-55-3	Benzo(a)anthracene	1	U	1	4.3	5.3	ug/L
218-01-9	Chrysene	0.91	U	0.91	4.3	5.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.3	5.3	ug/L
117-84-0	Di-n-octyl phthalate	2.7	U	2.7	8.5	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.3	5.3	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.3	5.3	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	4.3	5.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.3	5.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.3	5.3	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.3	5.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.3	5.3	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.3	5.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.84	U	0.84	4.3	5.3	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	4.3	5.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.353		10-139		42	SPK: -150
13127-88-3	Phenol-d6	39.57		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	87.253		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.747		52-132		87	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-WP0-0.25-080224	SDG No.:	BF081024
Lab Sample ID:	P3466-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	940 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
BF138917.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.952		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	94.312		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40983	6.839				
1146-65-2	Naphthalene-d8	169106	8.122				
15067-26-2	Acenaphthene-d10	94281	9.869				
1517-22-2	Phenanthrene-d10	148060	11.357				
1719-03-5	Chrysene-d12	71760	13.998				
1520-96-3	Perylene-d12	93477	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.2	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.6	J			8.433	
	unknown9.963	2.9	J			9.963	
000506-51-4	n-Tetracosanol-1	3.9	J			13.827	
075581-03-2	2,6,10,14,18-Pentamethyl-2,6,10,14	2.5	J			14.821	

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.:	BF081024
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
BF138918.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	30		1.1	8.2	10.2	ug/L
110-86-1	Pyridine	16		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	30.3		1.6	4.1	5.1	ug/L
108-95-2	Phenol	19.2		0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.5		1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	46.5		0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	45.7		0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	42.3		0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	43.6		0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	42.4		1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	39.4		1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.4		1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	51.4		1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	37.3		1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	56.4		1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	42.7		1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	50.6		1.3	4.1	5.1	ug/L
78-59-1	Isophorone	53.5		1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	52.4		2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	51.9		1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.6		1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	52.7		0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.7		1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	10.7		5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	49.2		1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	31.5		1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	46.9		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.:	BF081024
Lab Sample ID:	P3466-02MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138918.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9.8	J	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	49.4		0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	52.1		1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	51.9		0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	49.6		1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	48.9		0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	52.1		0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	56.2		1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	56		0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	56.8		1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	52.8		1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	36.2		1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	51.7		0.83	4.1	5.1	ug/L
Total PAH	Total PAH	831.9		17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	98	E	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	25.3		2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	55		0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	508.8		2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	56		1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	56.9		1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.8		1	4.1	5.1	ug/L
86-73-7	Fluorene	54.9		0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	46.1		2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56.8		3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	57.6		0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	53.9		1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	55.6		0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	54.9		1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	58.2		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.:	BF081024
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
BF138918.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.9		1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	55.8		0.91	4.1	5.1	ug/L
120-12-7	Anthracene	57.5		1.1	4.1	5.1	ug/L
86-74-8	Carbazole	51.2		1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	56.6		1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	49.3		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	45.8		1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	54.3		2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	49.6		1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	54.8		0.96	4.1	5.1	ug/L
218-01-9	Chrysene	55.8		0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.3		1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	51.4		2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	51.4		1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	58.3		1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	57.7		1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47		1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.2		1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	39.7		1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.4		1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	21.3		1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.4		0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	49.7		0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	73.14		10-139		49	SPK: -150
13127-88-3	Phenol-d6	47.457		10-134		32	SPK: -150
4165-60-0	Nitrobenzene-d5	95.852		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	94.064		52-132		94	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.:	BF081024
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
BF138918.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.603		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	93.13		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38789	6.84				
1146-65-2	Naphthalene-d8	159665	8.122				
15067-26-2	Acenaphthene-d10	86338	9.875				
1517-22-2	Phenanthrene-d10	135481	11.363				
1719-03-5	Chrysene-d12	74415	14.004				
1520-96-3	Perylene-d12	90389	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-WP0-0.25-080224MSD	SDG No.:	BF081024
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
BF138919.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	35		1.1	8.4	10.5	ug/L
110-86-1	Pyridine	18.6		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	35.3		1.7	4.2	5.3	ug/L
108-95-2	Phenol	22.2		0.98	4.2	5.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	56.3		1.3	4.2	5.3	ug/L
95-57-8	2-Chlorophenol	54		0.75	4.2	5.3	ug/L
95-50-1	1,2-Dichlorobenzene	52.8		0.93	4.2	5.3	ug/L
541-73-1	1,3-Dichlorobenzene	49.6		0.84	4.2	5.3	ug/L
106-46-7	1,4-Dichlorobenzene	50.7		0.88	4.2	5.3	ug/L
100-51-6	Benzyl Alcohol	49.2		1.7	8.4	10.5	ug/L
95-48-7	2-Methylphenol	45.7		1.2	4.2	5.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	55.5		1.4	4.2	5.3	ug/L
98-86-2	Acetophenone	58.3		1.2	4.2	5.3	ug/L
65794-96-9	3+4-Methylphenols	43.6		1.2	8.4	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	64		1.6	2.6	2.6	ug/L
67-72-1	Hexachloroethane	50		1.1	4.2	5.3	ug/L
98-95-3	Nitrobenzene	57.4		1.3	4.2	5.3	ug/L
78-59-1	Isophorone	61.7		1.2	4.2	5.3	ug/L
88-75-5	2-Nitrophenol	61.1		2.1	4.2	5.3	ug/L
105-67-9	2,4-Dimethylphenol	61.5		1.6	4.2	5.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	58.2		1.1	4.2	5.3	ug/L
120-83-2	2,4-Dichlorophenol	59.9		0.93	4.2	5.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.2		1.2	4.2	5.3	ug/L
65-85-0	Benzoic acid	13.7		5.8	8.4	10.5	ug/L
91-20-3	Naphthalene	56.8		1.1	4.2	5.3	ug/L
106-47-8	4-Chloroaniline	35.8		1.4	4.2	5.3	ug/L
87-68-3	Hexachlorobutadiene	52.5		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.:	BF081024
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
BF138919.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	11.8		1.7	8.4	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	58		0.88	4.2	5.3	ug/L
91-57-6	2-Methylnaphthalene	59.9		1.2	4.2	5.3	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5.3	8.4	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	59.6		0.94	4.2	5.3	ug/L
95-95-4	2,4,5-Trichlorophenol	57		1.1	4.2	5.3	ug/L
92-52-4	1,1-Biphenyl	56		0.96	4.2	5.3	ug/L
91-58-7	2-Chloronaphthalene	59.3		1	4.2	5.3	ug/L
88-74-4	2-Nitroaniline	64.5		1.5	4.2	5.3	ug/L
131-11-3	Dimethylphthalate	63.8		0.98	4.2	5.3	ug/L
208-96-8	Acenaphthylene	65.2		1.1	4.2	5.3	ug/L
606-20-2	2,6-Dinitrotoluene	61.7		1.3	4.2	5.3	ug/L
99-09-2	3-Nitroaniline	41.4		1.4	4.2	5.3	ug/L
83-32-9	Acenaphthene	59.1		0.85	4.2	5.3	ug/L
Total PAH	Total PAH	968.3		18.29	4.2	84.8	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.8	8.4	10.5	ug/L
100-02-7	4-Nitrophenol	28.4		2.1	8.4	10.5	ug/L
132-64-9	Dibenzofuran	62.8		0.98	4.2	5.3	ug/L
121-14-2	2,4-Dinitrotoluene	63		1.6	4.2	5.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	24.7		2.9	4.2	10.6	ug/L
84-66-2	Diethylphthalate	63.7		1.1	4.2	5.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	62.4		1	4.2	5.3	ug/L
86-73-7	Fluorene	62.1		1	4.2	5.3	ug/L
100-01-6	4-Nitroaniline	53.1		2.1	4.2	5.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	64.5		3.2	8.4	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	68.5		0.94	4.2	5.3	ug/L
103-33-3	Azobenzene	61.3		1.3	4.2	5.3	ug/L
101-55-3	4-Bromophenyl-phenylether	65.6		1	4.2	5.3	ug/L
118-74-1	Hexachlorobenzene	65.8		1.2	4.2	5.3	ug/L
1912-24-9	Atrazine	68.8		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.:	BF081024
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	950	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
BF138919.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.6	E	1.9	8.4	10.5	ug/L
85-01-8	Phenanthrene	66.1		0.94	4.2	5.3	ug/L
120-12-7	Anthracene	66.4		1.1	4.2	5.3	ug/L
86-74-8	Carbazole	59.3		1.2	4.2	5.3	ug/L
84-74-2	Di-n-butylphthalate	67.1		1.5	4.2	5.3	ug/L
206-44-0	Fluoranthene	57.6		1.4	4.2	5.3	ug/L
92-87-5	Benzidine	4.8	J	4.3	8.4	10.5	ug/L
129-00-0	Pyrene	51.3		1.1	4.2	5.3	ug/L
85-68-7	Butylbenzylphthalate	62.3		2.2	4.2	5.3	ug/L
91-94-1	3,3-Dichlorobenzidine	59.5		1.3	8.4	10.5	ug/L
56-55-3	Benzo(a)anthracene	63.4		0.99	4.2	5.3	ug/L
218-01-9	Chrysene	65.4		0.91	4.2	5.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61		2	4.2	5.3	ug/L
117-84-0	Di-n-octyl phthalate	59.7		2.6	8.4	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	62.2		1.2	4.2	5.3	ug/L
207-08-9	Benzo(k)fluoranthene	70.5		1.3	4.2	5.3	ug/L
50-32-8	Benzo(a)pyrene	69.4		1.8	4.2	5.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.1		1.1	4.2	5.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.5		1.2	4.2	5.3	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		1.2	4.2	5.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	56.8		1.1	4.2	5.3	ug/L
123-91-1	1,4-Dioxane	24.2		1.3	4.2	5.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.6		0.83	4.2	5.3	ug/L
90-12-0	1-Methylnaphthalene	56.7		0.91	4.2	5.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	82.11		10-139		55	SPK: -150
13127-88-3	Phenol-d6	52.526		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	107.38		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	104.461		52-132		104	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.:	BF081024
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
BF138919.D	1	8/5/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.55		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	103.204		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34191	6.84				
1146-65-2	Naphthalene-d8	141223	8.122				
15067-26-2	Acenaphthene-d10	77035	9.875				
1517-22-2	Phenanthrene-d10	117000	11.363				
1719-03-5	Chrysene-d12	66468	14.004				
1520-96-3	Perylene-d12	77789	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:	MUL05	SDG No.:	BF081024
Lab Sample ID:	P3476-03	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
BF138920.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL05	SDG No.:	BF081024
Lab Sample ID:	P3476-03	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
BF138920.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL05	SDG No.:	BF081024
Lab Sample ID:	P3476-03	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
BF138920.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	55.667		10-139		37	SPK: -150
13127-88-3	Phenol-d6	32.826		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	93.664		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	93.531		52-132		94	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:	MUL05	SDG No.:	BF081024
Lab Sample ID:	P3476-03	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
BF138920.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.599		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	82.255		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38106	6.839				
1146-65-2	Naphthalene-d8	157909	8.116				
15067-26-2	Acenaphthene-d10	85223	9.869				
1517-22-2	Phenanthrene-d10	130427	11.357				
1719-03-5	Chrysene-d12	74540	13.998				
1520-96-3	Perylene-d12	87396	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:	MUL06	SDG No.:	BF081024
Lab Sample ID:	P3476-05	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
BF138921.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	5.1		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	37.9		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	4.6	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	15.4		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	34		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:	MUL06	SDG No.:	BF081024
Lab Sample ID:	P3476-05	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
BF138921.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	MUL06	SDG No.:	BF081024
Lab Sample ID:	P3476-05	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
BF138921.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	56.629		10-139		38	SPK: -150
13127-88-3	Phenol-d6	36.698		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	71.792		49-133		72	SPK: -100
321-60-8	2-Fluorobiphenyl	89.064		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:	MUL06	SDG No.:	BF081024
Lab Sample ID:	P3476-05	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
BF138921.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.499		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	82.529		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39530	6.84				
1146-65-2	Naphthalene-d8	206493	8.122				
15067-26-2	Acenaphthene-d10	84918	9.875				
1517-22-2	Phenanthrene-d10	123030	11.363				
1719-03-5	Chrysene-d12	79597	13.998				
1520-96-3	Perylene-d12	86978	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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138922.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138922.D	1	8/7/2024 12:00:00 AM	8/10/2024 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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138922.D	1	8/7/2024 12:00:00 AM	8/10/2024 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	74.545		10-139		50	SPK: -150
13127-88-3	Phenol-d6	47.186		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	100.55		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	99.294		52-132		99	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:	MUL04	SDG No.:	BF081024
Lab Sample ID:	P3476-01	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
BF138922.D	1	8/7/2024 12:00:00 AM	8/10/2024 12:00:00 AM	PB162577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.32		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	99.139		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37654	6.84				
1146-65-2	Naphthalene-d8	147641	8.122				
15067-26-2	Acenaphthene-d10	79728	9.869				
1517-22-2	Phenanthrene-d10	124633	11.357				
1719-03-5	Chrysene-d12	68405	13.998				
1520-96-3	Perylene-d12	79740	15.462				

Hit Summary Sheet SW-846

SDG No.: BF081024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 924-K1-WS-080224								
P3457-01	924-K1-WS-080224	Water	1-Phenoxypropan-2-ol	*	3.200	J		
P3457-01	924-K1-WS-080224	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.400	A		
P3457-01	924-K1-WS-080224	Water	Butane, 2-methoxy-2-methyl-	*	160.000	J		
P3457-01	924-K1-WS-080224	Water	Butyl myristate	*	3.800	J		
P3457-01	924-K1-WS-080224	Water	Carbonic acid, isobutyl octadecyl	*	7.000	J		
P3457-01	924-K1-WS-080224	Water	Diethyltoluamide	*	2.400	J		
P3457-01	924-K1-WS-080224	Water	Hexadecanoic acid, butyl ester	*	6.100	J		
P3457-01	924-K1-WS-080224	Water	n-Hexadecanoic acid	*	2.800	J		
P3457-01	924-K1-WS-080224	Water	Squalene	*	2.400	J		
P3457-01	924-K1-WS-080224	Water	Syringaresinol (isomer 2)	*	6.900	J		
Total Tics :					197.00			
Total Concentration:					197.00			
Client ID : 932-K1-WS-080224								
P3457-02	932-K1-WS-080224	Water	1-Phenoxypropan-2-ol	*	3.400	J		
P3457-02	932-K1-WS-080224	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.400	A		
P3457-02	932-K1-WS-080224	Water	Hexadecanoic acid, butyl ester	*	3.500	J		
P3457-02	932-K1-WS-080224	Water	Trichloroacetic acid, pentadecyl e	*	6.900	J		
P3457-02	932-K1-WS-080224	Water	Undecanoic acid	*	2.300	J		
Total Tics :					18.50			
Total Concentration:					18.50			
Client ID : 924-K1-WP0-0.25-080224								
P3466-01	924-K1-WP0-0.25-08022	Water	1-Phenoxypropan-2-ol	*	3.600	J		
P3466-01	924-K1-WP0-0.25-08022	Water	2,6,10,14,18-Pentamethyl-2,6,10,1	*	2.500	J		
P3466-01	924-K1-WP0-0.25-08022	Water	2-Pentanone, 4-hydroxy-4-methyl	*	4.200	A		
P3466-01	924-K1-WP0-0.25-08022	Water	n-Tetracosanol-1	*	3.900	J		
P3466-01	924-K1-WP0-0.25-08022	Water	unknown9.963	*	2.900	J		
Total Tics :					17.10			
Total Concentration:					17.10			
Client ID : 932-K1-WP0-0.25-080224								
P3466-04	932-K1-WP0-0.25-08022	Water	1-Phenoxypropan-2-ol	*	2.400	J		
P3466-04	932-K1-WP0-0.25-08022	Water	2-Pentanone, 4-hydroxy-4-methyl	*	8.700	A		
P3466-04	932-K1-WP0-0.25-08022	Water	Butane, 2-methoxy-2-methyl-	*	250.000	J		
P3466-04	932-K1-WP0-0.25-08022	Water	Hexadecanoic acid, butyl ester	*	4.400	J		
P3466-04	932-K1-WP0-0.25-08022	Water	Isobutyl tetradecyl carbonate	*	3.600	J		
Total Tics :					269.10			
Total Concentration:					269.10			

Hit Summary Sheet SW-846

SDG No.: BF081024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 919-J-WP0-0.25-080224								
P3466-05	919-J-WP0-0.25-080224	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.000	A			
P3466-05	919-J-WP0-0.25-080224	Water	Butane, 2-methoxy-2-methyl- *	250.000	J			
P3466-05	919-J-WP0-0.25-080224	Water	Hexadecanoic acid, butyl ester *	5.500	J			
Total Tics :				261.50				
Total Concentration:				261.50				
Client ID : MUL06								
P3476-05	MUL06	Water	3+4-Methylphenols	15.400		1.2	10	ug/L
P3476-05	MUL06	Water	Acetophenone	4.600	J	1.1	5	ug/L
P3476-05	MUL06	Water	Benzoic acid	34.000		5.5	10	ug/L
P3476-05	MUL06	Water	Benzyl Alcohol	37.900		1.6	10	ug/L
P3476-05	MUL06	Water	Phenol	5.100		0.93	5	ug/L
Total Svoc :				97.00				
Total Concentration:				97.00				



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.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 11:11

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	PB162577TB	43918	6.84	182701	8.12	107188	9.88
02	TS09	37445	6.84	149499	8.12	82973	9.87
03	TS10	38750	6.84	155012	8.12	86946	9.88
04	TS08	37182	6.84	149406	8.12	84158	9.87
05	TS11	36947	6.84	150801	8.12	84430	9.87
06	TOPSOILMS	33698 *	6.84	136116 *	8.12	74378	9.88
07	TOPSOILMSD	34903 *	6.84	140861	8.12	76790	9.88
08	MLS-15-70-85MS	35990 *	6.84	150436	8.12	82692	9.88
09	MLS-15-70-85MSD	34319 *	6.84	136930 *	8.12	78360	9.88
10	MUL04	33741 *	6.84	138712 *	8.12	77568	9.87
11	932-K1-WP0-0.25-080224	35364 *	6.84	145974	8.12	79593	9.87
12	919-J-WP0-0.25-080224	36874	6.84	150172	8.12	82467	9.87
13	MUL07	34659 *	6.84	144676	8.12	74060	9.87
14	924-K1-WS-080224	39664	6.84	160989	8.12	89864	9.87
15	932-K1-WS-080224	37230	6.84	143891	8.12	78846	9.87
16	924-K1-WP0-0.25-080224	40983	6.84	169106	8.12	94281	9.87
17	924-K1-WP0-0.25-080224MS	38789	6.84	159665	8.12	86338	9.88
18	924-K1-WP0-0.25-080224MSD	34191 *	6.84	141223	8.12	77035	9.88
19	MUL05	38106	6.84	157909	8.12	85223	9.87
20	MUL06	39530	6.84	206493	8.12	84918	9.88
21	MUL04	37654	6.84	147641	8.12	79728	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:25

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.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138901.D Time Analyzed: 11:11

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	63234	6.845	258541	8.13	146261	9.88
	UPPER LIMIT	126468	7.345	517082	8.628	292522	10.38
	LOWER LIMIT	31617	6.345	129270.5	7.628	73130.5	9.38
	EPA SAMPLE NO.						
01	PB162577TB	43918	6.84	182701	8.12	107188	9.88
02	TS09	37445	6.84	149499	8.12	82973	9.87
03	TS10	38750	6.84	155012	8.12	86946	9.88
04	TS08	37182	6.84	149406	8.12	84158	9.87
05	TS11	36947	6.84	150801	8.12	84430	9.87
06	TOPSOILMS	33698	6.84	136116	8.12	74378	9.88
07	TOPSOILMSD	34903	6.84	140861	8.12	76790	9.88
08	MLS-15-70-85MS	35990	6.84	150436	8.12	82692	9.88
09	MLS-15-70-85MSD	34319	6.84	136930	8.12	78360	9.88
10	MUL04	33741	6.84	138712	8.12	77568	9.87
11	932-K1-WP0-0.25-080224	35364	6.84	145974	8.12	79593	9.87
12	919-J-WP0-0.25-080224	36874	6.84	150172	8.12	82467	9.87
13	MUL07	34659	6.84	144676	8.12	74060	9.87
14	924-K1-WS-080224	39664	6.84	160989	8.12	89864	9.87
15	932-K1-WS-080224	37230	6.84	143891	8.12	78846	9.87
16	924-K1-WP0-0.25-080224	40983	6.84	169106	8.12	94281	9.87
17	924-K1-WP0-0.25-080224MS	38789	6.84	159665	8.12	86338	9.88
18	924-K1-WP0-0.25-080224MSD	34191	6.84	141223	8.12	77035	9.88
19	MUL05	38106	6.84	157909	8.12	85223	9.87
20	MUL06	39530	6.84	206493	8.12	84918	9.88
21	MUL04	37654	6.84	147641	8.12	79728	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138901.D Time Analyzed: 21:25

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	63234	6.845	258541	8.13	146261	9.88
UPPER LIMIT	126468	7.345	517082	8.628	292522	10.38
LOWER LIMIT	31617	6.345	129270.5	7.628	73130.5	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 11:11

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	PB162577TB	206263	11.36	130877	14.00	91416	15.47
02	TS09	141300	11.36	64391	14.00	80935	15.46
03	TS10	150024	11.36	68627	14.00	82836	15.46
04	TS08	149287	11.36	65618	14.00	78556	15.46
05	TS11	153129	11.36	70301	14.00	78910	15.46
06	TOPSOILMS	121648	11.36	62393 *	14.00	73011 *	15.46
07	TOPSOILMSD	113664 *	11.36	65712	14.00	78199	15.46
08	MLS-15-70-85MS	131267	11.36	65057	14.00	78552	15.46
09	MLS-15-70-85MSD	126223	11.36	61844 *	14.00	75440 *	15.46
10	MUL04	124451	11.36	61945 *	14.00	75880	15.46
11	932-K1-WP0-0.25-080224	131212	11.36	62865 *	14.00	75793	15.46
12	919-J-WP0-0.25-080224	140348	11.36	64489	14.00	82323	15.46
13	MUL07	112514 *	11.36	66059	14.00	79830	15.46
14	924-K1-WS-080224	156314	11.36	70605	14.00	83219	15.46
15	932-K1-WS-080224	133629	11.36	64457	14.00	79602	15.46
16	924-K1-WP0-0.25-080224	148060	11.36	71760	14.00	93477	15.46
17	924-K1-WP0-0.25-080224MS	135481	11.36	74415	14.00	90389	15.46
18	924-K1-WP0-0.25-080224MSD	117000	11.36	66468	14.00	77789	15.46
19	MUL05	130427	11.36	74540	14.00	87396	15.46
20	MUL06	123030	11.36	79597	14.00	86978	15.46
21	MUL04	124633	11.36	68405	14.00	79740	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:25

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.						

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.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138901.D Time Analyzed: 11:11

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	247933	11.369	115525	14.004	117822	15.468
	UPPER LIMIT	495866	11.869	231050	14.504	235644	15.968
	LOWER LIMIT	123966.5	10.869	57762.5	13.504	58911	14.968
	EPA SAMPLE NO.						
01	PB162577TB	206263	11.36	130877	14.00	91416	15.47
02	TS09	141300	11.36	64391	14.00	80935	15.46
03	TS10	150024	11.36	68627	14.00	82836	15.46
04	TS08	149287	11.36	65618	14.00	78556	15.46
05	TS11	153129	11.36	70301	14.00	78910	15.46
06	TOPSOILMS	121648 *	11.36	62393	14.00	73011	15.46
07	TOPSOILMSD	113664 *	11.36	65712	14.00	78199	15.46
08	MLS-15-70-85MS	131267	11.36	65057	14.00	78552	15.46
09	MLS-15-70-85MSD	126223	11.36	61844	14.00	75440	15.46
10	MUL04	124451	11.36	61945	14.00	75880	15.46
11	932-K1-WP0-0.25-080224	131212	11.36	62865	14.00	75793	15.46
12	919-J-WP0-0.25-080224	140348	11.36	64489	14.00	82323	15.46
13	MUL07	112514 *	11.36	66059	14.00	79830	15.46
14	924-K1-WS-080224	156314	11.36	70605	14.00	83219	15.46
15	932-K1-WS-080224	133629	11.36	64457	14.00	79602	15.46
16	924-K1-WP0-0.25-080224	148060	11.36	71760	14.00	93477	15.46
17	924-K1-WP0-0.25-080224MS	135481	11.36	74415	14.00	90389	15.46
18	924-K1-WP0-0.25-080224MSD	117000 *	11.36	66468	14.00	77789	15.46
19	MUL05	130427	11.36	74540	14.00	87396	15.46
20	MUL06	123030 *	11.36	79597	14.00	86978	15.46
21	MUL04	124633	11.36	68405	14.00	79740	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081024 SAS No.: BF081024 SDG NO.: BF081024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2024 12:00AM

Lab File ID: BF138901.D Time Analyzed: 21:25

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	247933	11.369	115525	14.004	117822	15.468
UPPER LIMIT	495866	11.869	231050	14.504	235644	15.968
LOWER LIMIT	123966.5	10.869	57762.5	13.504	58911	14.968
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MLS-15-70-85MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081024

SAS No.: BF081024 SDG NO.: BF081024

Lab File ID: BF138909.D

Lab Sample ID: P3415-04MS

Instrument ID: BNA_F

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/10/2024

Level: (low/med) LOW

Time Analyzed: 14:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MLS-15-70-85MS	P3415-04MS	BF138909.D	08/10/2024
MLS-15-70-85MSD	P3415-05MSD	BF138910.D	08/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

932-K1-WP0-0.25-080

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081024

SAS No.: BF081024 SDG NO.: BF081024

Lab File ID: BF138912.D

Lab Sample ID: P3466-04

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Water

Date Analyzed: 08/10/2024

Level: (low/med) LOW

Time Analyzed: 16:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
932-K1-WP0-0.25-080224	P3466-04	BF138912.D	08/10/2024
919-J-WP0-0.25-080224	P3466-05	BF138913.D	08/10/2024
924-K1-WS-080224	P3457-01	BF138915.D	08/10/2024
932-K1-WS-080224	P3457-02	BF138916.D	08/10/2024
924-K1-WP0-0.25-080224	P3466-01	BF138917.D	08/10/2024
924-K1-WP0-0.25-080224MS	P3466-02MS	BF138918.D	08/10/2024
924-K1-WP0-0.25-080224MSD	P3466-03MSD	BF138919.D	08/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MUL05

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081024

SAS No.: BF081024 SDG NO.: BF081024

Lab File ID: BF138920.D

Lab Sample ID: P3476-03

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/10/2024

Level: (low/med) LOW

Time Analyzed: 20:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MUL05	P3476-03	BF138920.D	08/10/2024
MUL06	P3476-05	BF138921.D	08/10/2024
MUL04	P3476-01	BF138922.D	08/10/2024
MUL07	P3476-07	BF138914.D	08/10/2024
MUL04	P3476-01	BF138911.D	08/10/2024
PB162577TB	PB162577TB	BF138902.D	08/10/2024
TS09	P3479-03	BF138903.D	08/10/2024
TS10	P3479-05	BF138904.D	08/10/2024
TS08	P3479-01	BF138905.D	08/10/2024
TS11	P3479-07	BF138906.D	08/10/2024
TOPSOILMS	P3464-02MS	BF138907.D	08/10/2024
TOPSOILMSD	P3464-02MSD	BF138908.D	08/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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: BF138918.D							
n-Nitrosodimethylamine	51		30	ug/L	59				10	130	
Pyridine	51		16	ug/L	31				10	109	
Benzaldehyde	51		0	ug/L	0	*			10	137	
Aniline	51		30.3	ug/L	59				10	130	
Phenol	51		19.2	ug/L	38				10	130	
bis(2-Chloroethyl)ether	51		49.5	ug/L	97				29	141	
2-Chlorophenol	51		46.5	ug/L	91				23	127	
1,2-Dichlorobenzene	51		45.7	ug/L	90				61	114	
1,3-Dichlorobenzene	51		42.3	ug/L	83				65	106	
1,4-Dichlorobenzene	51		43.6	ug/L	85				55	125	
Benzyl Alcohol	51		42.4	ug/L	83				31	94	
2-Methylphenol	51		39.4	ug/L	77				23	132	
2,2-oxybis(1-Chloropropane)	51		48.4	ug/L	95				36	141	
Acetophenone	51		51.4	ug/L	101				31	164	
3+4-Methylphenols	51		37.3	ug/L	73				17	136	
N-Nitroso-di-n-propylamine	51		56.4	ug/L	111				36	147	
Hexachloroethane	51		42.7	ug/L	84				35	137	
Nitrobenzene	51		50.6	ug/L	99				40	134	
Isophorone	51		53.5	ug/L	105				39	146	
2-Nitrophenol	51		52.4	ug/L	103				30	148	
2,4-Dimethylphenol	51		51.9	ug/L	102				17	143	
bis(2-Chloroethoxy)methane	51		50.6	ug/L	99				39	143	
2,4-Dichlorophenol	51		52.7	ug/L	103				22	146	
1,2,4-Trichlorobenzene	51		47.7	ug/L	94				66	110	
Benzoic acid	51		10.7	ug/L	21				10	101	
Naphthalene	51		49.2	ug/L	96				17	157	
4-Chloroaniline	51		31.5	ug/L	62				10	95	
Hexachlorobutadiene	51		46.9	ug/L	92				52	125	
Caprolactam	51		9.8	ug/L	19				10	130	
4-Chloro-3-methylphenol	51		49.4	ug/L	97				17	148	
2-Methylnaphthalene	51		52.1	ug/L	102				38	146	
Hexachlorocyclopentadiene	100		100	ug/L	100				20	153	
2,4,6-Trichlorophenol	51		51.9	ug/L	102				46	139	
2,4,5-Trichlorophenol	51		49.6	ug/L	97				42	129	
1,1-Biphenyl	51		48.9	ug/L	96				38	154	
2-Chloronaphthalene	51		52.1	ug/L	102				41	145	
2-Nitroaniline	51		56.2	ug/L	110				39	151	
Dimethylphthalate	51		56	ug/L	110				42	147	
Acenaphthylene	51		56.8	ug/L	111				40	141	
2,6-Dinitrotoluene	51		52.8	ug/L	104				43	148	
3-Nitroaniline	51		36.2	ug/L	71				10	111	
Acenaphthene	51		51.7	ug/L	101				37	146	
Total PAH	816		831.9	ug/L	102				37	146	
2,4-Dinitrophenol	100		98	ug/L	98				14	167	
4-Nitrophenol	100		25.3	ug/L	25				10	130	
Dibenzofuran	51		55	ug/L	108				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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	102		108.8	ug/L	107				40	151	
2,4-Dinitrotoluene	51		56	ug/L	110				40	151	
Diethylphthalate	51		56.9	ug/L	112				41	148	
4-Chlorophenyl-phenylether	51		54.8	ug/L	107				38	149	
Fluorene	51		54.9	ug/L	108				39	144	
4-Nitroaniline	51		46.1	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	51		56.8	ug/L	111				32	175	
N-Nitrosodiphenylamine	51		57.6	ug/L	113				40	150	
Azobenzene	51		53.9	ug/L	106				72	112	
4-Bromophenyl-phenylether	51		55.6	ug/L	109				42	151	
Hexachlorobenzene	51		54.9	ug/L	108				60	129	
Atrazine	51		58.2	ug/L	114				20	162	
Pentachlorophenol	100		77.9	ug/L	78				15	137	
Phenanthrene	51		55.8	ug/L	109				40	147	
Anthracene	51		57.5	ug/L	113				41	146	
Carbazole	51		51.2	ug/L	100				37	154	
Di-n-butylphthalate	51		56.6	ug/L	111				40	151	
Fluoranthene	51		49.3	ug/L	97				42	146	
Benzidine	100		0	ug/L	0	*			10	130	
Pyrene	51		45.8	ug/L	90				41	149	
Butylbenzylphthalate	51		54.3	ug/L	106				39	155	
3,3-Dichlorobenzidine	51		49.6	ug/L	97				10	114	
Benzo(a)anthracene	51		54.8	ug/L	107				41	147	
Chrysene	51		55.8	ug/L	109				44	144	
bis(2-Ethylhexyl)phthalate	51		50.3	ug/L	99				33	160	
Di-n-octyl phthalate	51		51.4	ug/L	101				36	158	
Benzo(b)fluoranthene	51		51.4	ug/L	101				40	150	
Benzo(k)fluoranthene	51		58.3	ug/L	114				40	147	
Benzo(a)pyrene	51		57.7	ug/L	113				42	147	
Indeno(1,2,3-cd)pyrene	51		47	ug/L	92				30	166	
Dibenz(a,h)anthracene	51		46.2	ug/L	91				23	172	
Benzo(g,h,i)perylene	51		39.7	ug/L	78				27	167	
1,2,4,5-Tetrachlorobenzene	51		49.4	ug/L	97				89	102	
1,4-Dioxane	51		21.3	ug/L	42				38	130	
2,3,4,6-Tetrachlorophenol	51		49.4	ug/L	97				91	111	
1-Methylnaphthalene	51		49.7	ug/L	97				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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: BF138919.D							
n-Nitrosodimethylamine	52.6		35	ug/L	67		13		10	130	20
Pyridine	52.6		18.6	ug/L	35		12		10	109	20
Benzaldehyde	52.6		0	ug/L	0	*			10	137	20
Aniline	52.6		35.3	ug/L	67		13		10	130	20
Phenol	52.6		22.2	ug/L	42		10		10	130	20
bis(2-Chloroethyl)ether	52.6		56.3	ug/L	107		10		29	141	20
2-Chlorophenol	52.6		54	ug/L	103		12		23	127	20
1,2-Dichlorobenzene	52.6		52.8	ug/L	100		11		61	114	20
1,3-Dichlorobenzene	52.6		49.6	ug/L	94		12		65	106	20
1,4-Dichlorobenzene	52.6		50.7	ug/L	96		12		55	125	20
Benzyl Alcohol	52.6		49.2	ug/L	94		12		31	94	20
2-Methylphenol	52.6		45.7	ug/L	87		12		23	132	20
2,2-oxybis(1-Chloropropane)	52.6		55.5	ug/L	106		11		36	141	20
Acetophenone	52.6		58.3	ug/L	111		9		31	164	20
3+4-Methylphenols	52.6		43.6	ug/L	83		13		17	136	20
N-Nitroso-di-n-propylamine	52.6		64	ug/L	122		9		36	147	20
Hexachloroethane	52.6		50	ug/L	95		12		35	137	20
Nitrobenzene	52.6		57.4	ug/L	109		10		40	134	20
Isophorone	52.6		61.7	ug/L	117		11		39	146	20
2-Nitrophenol	52.6		61.1	ug/L	116		12		30	148	20
2,4-Dimethylphenol	52.6		61.5	ug/L	117		14		17	143	20
bis(2-Chloroethoxy)methane	52.6		58.2	ug/L	111		11		39	143	20
2,4-Dichlorophenol	52.6		59.9	ug/L	114		10		22	146	20
1,2,4-Trichlorobenzene	52.6		55.2	ug/L	105		11		66	110	20
Benzoic acid	52.6		13.7	ug/L	26		21	*	10	101	20
Naphthalene	52.6		56.8	ug/L	108		12		17	157	20
4-Chloroaniline	52.6		35.8	ug/L	68		9		10	95	20
Hexachlorobutadiene	52.6		52.5	ug/L	100		8		52	125	20
Caprolactam	52.6		11.8	ug/L	22		15		10	130	20
4-Chloro-3-methylphenol	52.6		58	ug/L	110		13		17	148	20
2-Methylnaphthalene	52.6		59.9	ug/L	114		11		38	146	20
Hexachlorocyclopentadiene	110		120	ug/L	109		9		20	153	20
2,4,6-Trichlorophenol	52.6		59.6	ug/L	113		10		46	139	20
2,4,5-Trichlorophenol	52.6		57	ug/L	108		11		42	129	20
1,1-Biphenyl	52.6		56	ug/L	106		10		38	154	20
2-Chloronaphthalene	52.6		59.3	ug/L	113		10		41	145	20
2-Nitroaniline	52.6		64.5	ug/L	123		11		39	151	20
Dimethylphthalate	52.6		63.8	ug/L	121		10		42	147	20
Acenaphthylene	52.6		65.2	ug/L	124		11		40	141	20
2,6-Dinitrotoluene	52.6		61.7	ug/L	117		12		43	148	20
3-Nitroaniline	52.6		41.4	ug/L	79		11		10	111	20
Acenaphthene	52.6		59.1	ug/L	112		10		37	146	20
Total PAH	841.6		968.3	ug/L	115		12		37	146	20
2,4-Dinitrophenol	110		110	ug/L	100		2		14	167	20
4-Nitrophenol	110		28.4	ug/L	26		4		10	130	20
Dibenzofuran	52.6		62.8	ug/L	119		10		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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	105.2		124.7	ug/L	119		11		40	151	20
2,4-Dinitrotoluene	52.6		63	ug/L	120		9		40	151	20
Diethylphthalate	52.6		63.7	ug/L	121		8		41	148	20
4-Chlorophenyl-phenylether	52.6		62.4	ug/L	119		11		38	149	20
Fluorene	52.6		62.1	ug/L	118		9		39	144	20
4-Nitroaniline	52.6		53.1	ug/L	101		12		27	138	20
4,6-Dinitro-2-methylphenol	52.6		64.5	ug/L	123		10		32	175	20
N-Nitrosodiphenylamine	52.6		68.5	ug/L	130		14		40	150	20
Azobenzene	52.6		61.3	ug/L	117	*	10		72	112	20
4-Bromophenyl-phenylether	52.6		65.6	ug/L	125		14		42	151	20
Hexachlorobenzene	52.6		65.8	ug/L	125		15		60	129	20
Atrazine	52.6		68.8	ug/L	131		14		20	162	20
Pentachlorophenol	110		85.6	ug/L	78		0		15	137	20
Phenanthrene	52.6		66.1	ug/L	126		14		40	147	20
Anthracene	52.6		66.4	ug/L	126		11		41	146	20
Carbazole	52.6		59.3	ug/L	113		12		37	154	20
Di-n-butylphthalate	52.6		67.1	ug/L	128		14		40	151	20
Fluoranthene	52.6		57.6	ug/L	110		13		42	146	20
Benzidine	110		4.8	ug/L	4	*	200	*	10	130	20
Pyrene	52.6		51.3	ug/L	98		9		41	149	20
Butylbenzylphthalate	52.6		62.3	ug/L	118		11		39	155	20
3,3-Dichlorobenzidine	52.6		59.5	ug/L	113		15		10	114	20
Benzo(a)anthracene	52.6		63.4	ug/L	121		12		41	147	20
Chrysene	52.6		65.4	ug/L	124		13		44	144	20
bis(2-Ethylhexyl)phthalate	52.6		61	ug/L	116		16		33	160	20
Di-n-octyl phthalate	52.6		59.7	ug/L	113		11		36	158	20
Benzo(b)fluoranthene	52.6		62.2	ug/L	118		16		40	150	20
Benzo(k)fluoranthene	52.6		70.5	ug/L	134		16		40	147	20
Benzo(a)pyrene	52.6		69.4	ug/L	132		16		42	147	20
Indeno(1,2,3-cd)pyrene	52.6		54.1	ug/L	103		11		30	166	20
Dibenz(a,h)anthracene	52.6		53.5	ug/L	102		11		23	172	20
Benzo(g,h,i)perylene	52.6		45.2	ug/L	86		10		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6		56.8	ug/L	108	*	11		89	102	20
1,4-Dioxane	52.6		24.2	ug/L	46		9		38	130	20
2,3,4,6-Tetrachlorophenol	52.6		57.6	ug/L	110		13		91	111	20
1-Methylnaphthalene	52.6		56.7	ug/L	108		11		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3415-04MS		Client Sample ID: MLS-15-70-85MS		DataFile: BF138909.D							
n-Nitrosodimethylamine	52.1		25.9	ug/L	50				10	130	
Pyridine	52.1		17.1	ug/L	33				10	109	
Benzaldehyde	52.1		0	ug/L	0	*			10	137	
Aniline	52.1		38.9	ug/L	75				10	130	
Phenol	52.1		17.3	ug/L	33				10	130	
bis(2-Chloroethyl)ether	52.1		56.4	ug/L	108				29	141	
2-Chlorophenol	52.1		48.4	ug/L	93				23	127	
1,2-Dichlorobenzene	52.1		47.4	ug/L	91				61	114	
1,3-Dichlorobenzene	52.1		45	ug/L	86				65	106	
1,4-Dichlorobenzene	52.1		46	ug/L	88				55	125	
Benzyl Alcohol	52.1		40.7	ug/L	78				31	94	
2-Methylphenol	52.1		40.2	ug/L	77				23	132	
2,2-oxybis(1-Chloropropane)	52.1		54.7	ug/L	105				36	141	
Acetophenone	52.1		58.3	ug/L	112				31	164	
3+4-Methylphenols	52.1		37	ug/L	71				17	136	
N-Nitroso-di-n-propylamine	52.1		64.6	ug/L	124				36	147	
Hexachloroethane	52.1		44.2	ug/L	85				35	137	
Nitrobenzene	52.1		57.1	ug/L	110				40	134	
Isophorone	52.1		61.3	ug/L	118				39	146	
2-Nitrophenol	52.1		59.4	ug/L	114				30	148	
2,4-Dimethylphenol	52.1		59.9	ug/L	115				17	143	
bis(2-Chloroethoxy)methane	52.1		58.2	ug/L	112				39	143	
2,4-Dichlorophenol	52.1		57.6	ug/L	111				22	146	
1,2,4-Trichlorobenzene	52.1		48.7	ug/L	93				66	110	
Benzoic acid	52.1		9	ug/L	17				10	101	
Naphthalene	52.1		52.1	ug/L	100				17	157	
4-Chloroaniline	52.1		48.5	ug/L	93				10	95	
Hexachlorobutadiene	52.1		46.5	ug/L	89				52	125	
Caprolactam	52.1		8.2	ug/L	16				10	130	
4-Chloro-3-methylphenol	52.1		54.2	ug/L	104				17	148	
2-Methylnaphthalene	52.1		57.3	ug/L	110				38	146	
Hexachlorocyclopentadiene	100		110	ug/L	110				20	153	
2,4,6-Trichlorophenol	52.1		57.9	ug/L	111				46	139	
2,4,5-Trichlorophenol	52.1		53.7	ug/L	103				42	129	
1,1-Biphenyl	52.1		55.1	ug/L	106				38	154	
2-Chloronaphthalene	52.1		57.3	ug/L	110				41	145	
2-Nitroaniline	52.1		64.8	ug/L	124				39	151	
Dimethylphthalate	52.1		65.9	ug/L	126				42	147	
Acenaphthylene	52.1		64.7	ug/L	124				40	141	
2,6-Dinitrotoluene	52.1		62.8	ug/L	121				43	148	
3-Nitroaniline	52.1		46.8	ug/L	90				10	111	
Acenaphthene	52.1		59.4	ug/L	114				37	146	
Total PAH	833.6		959.9	ug/L	115				37	146	
2,4-Dinitrophenol	100		110	ug/L	110				14	167	
4-Nitrophenol	100		21	ug/L	21				10	130	
Dibenzofuran	52.1		63	ug/L	121				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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	104.2		125.8	ug/L	121				40	151	
2,4-Dinitrotoluene	52.1		63	ug/L	121				40	151	
Diethylphthalate	52.1		66	ug/L	127				41	148	
4-Chlorophenyl-phenylether	52.1		64.5	ug/L	124				38	149	
Fluorene	52.1		63.1	ug/L	121				39	144	
4-Nitroaniline	52.1		56.3	ug/L	108				27	138	
4,6-Dinitro-2-methylphenol	52.1		61.4	ug/L	118				32	175	
N-Nitrosodiphenylamine	52.1		66.2	ug/L	127				40	150	
Azobenzene	52.1		62.4	ug/L	120	*			72	112	
4-Bromophenyl-phenylether	52.1		65.2	ug/L	125				42	151	
Hexachlorobenzene	52.1		63.5	ug/L	122				60	129	
Atrazine	52.1		72	ug/L	138				20	162	
Pentachlorophenol	100		88.5	ug/L	89				15	137	
Phenanthrene	52.1		64.6	ug/L	124				40	147	
Anthracene	52.1		66.9	ug/L	128				41	146	
Carbazole	52.1		59.9	ug/L	115				37	154	
Di-n-butylphthalate	52.1		66.9	ug/L	128				40	151	
Fluoranthene	52.1		55.9	ug/L	107				42	146	
Benzydine	100		35.6	ug/L	36				10	130	
Pyrene	52.1		56.2	ug/L	108				41	149	
Butylbenzylphthalate	52.1		67	ug/L	129				39	155	
3,3-Dichlorobenzidine	52.1		70.5	ug/L	135	*			10	114	
Benzo(a)anthracene	52.1		63.3	ug/L	121				41	147	
Chrysene	52.1		64.1	ug/L	123				44	144	
bis(2-Ethylhexyl)phthalate	52.1		64.9	ug/L	125				33	160	
Di-n-octyl phthalate	52.1		62.5	ug/L	120				36	158	
Benzo(b)fluoranthene	52.1		57.7	ug/L	111				40	150	
Benzo(k)fluoranthene	52.1		68.1	ug/L	131				40	147	
Benzo(a)pyrene	52.1		66.2	ug/L	127				42	147	
Indeno(1,2,3-cd)pyrene	52.1		55.5	ug/L	107				30	166	
Dibenz(a,h)anthracene	52.1		55.4	ug/L	106				23	172	
Benzo(g,h,i)perylene	52.1		46.7	ug/L	90				27	167	
1,2,4,5-Tetrachlorobenzene	52.1		54.4	ug/L	104	*			89	102	
1,4-Dioxane	52.1		18.2	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	52.1		58.9	ug/L	113	*			91	111	
1-Methylnaphthalene	52.1		55.8	ug/L	107				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3415-05MSD		Client Sample ID: MLS-15-70-85MSD		DataFile: BF138910.D							
n-Nitrosodimethylamine	52.1		26.3	ug/L	50		0		10	130	20
Pyridine	52.1		17.9	ug/L	34		3		10	109	20
Benzaldehyde	52.1		4.3	ug/L	8	*	200	*	10	137	20
Aniline	52.1		39.9	ug/L	77		3		10	130	20
Phenol	52.1		17.8	ug/L	34		3		10	130	20
bis(2-Chloroethyl)ether	52.1		58.1	ug/L	112		4		29	141	20
2-Chlorophenol	52.1		50.6	ug/L	97		4		23	127	20
1,2-Dichlorobenzene	52.1		48.7	ug/L	93		2		61	114	20
1,3-Dichlorobenzene	52.1		45.9	ug/L	88		2		65	106	20
1,4-Dichlorobenzene	52.1		47.6	ug/L	91		3		55	125	20
Benzyl Alcohol	52.1		41.7	ug/L	80		3		31	94	20
2-Methylphenol	52.1		40.6	ug/L	78		1		23	132	20
2,2-oxybis(1-Chloropropane)	52.1		56.6	ug/L	109		4		36	141	20
Acetophenone	52.1		62.4	ug/L	120		7		31	164	20
3+4-Methylphenols	52.1		38.4	ug/L	74		4		17	136	20
N-Nitroso-di-n-propylamine	52.1		66.6	ug/L	128		3		36	147	20
Hexachloroethane	52.1		44.7	ug/L	86		1		35	137	20
Nitrobenzene	52.1		61.4	ug/L	118		7		40	134	20
Isophorone	52.1		66.7	ug/L	128		8		39	146	20
2-Nitrophenol	52.1		63.1	ug/L	121		6		30	148	20
2,4-Dimethylphenol	52.1		62.9	ug/L	121		5		17	143	20
bis(2-Chloroethoxy)methane	52.1		62.7	ug/L	120		7		39	143	20
2,4-Dichlorophenol	52.1		61.2	ug/L	117		5		22	146	20
1,2,4-Trichlorobenzene	52.1		53.5	ug/L	103		10		66	110	20
Benzoic acid	52.1		9.7	ug/L	19		11		10	101	20
Naphthalene	52.1		55.9	ug/L	107		7		17	157	20
4-Chloroaniline	52.1		51.5	ug/L	99	*	6		10	95	20
Hexachlorobutadiene	52.1		49.2	ug/L	94		5		52	125	20
Caprolactam	52.1		9.8	ug/L	19		17		10	130	20
4-Chloro-3-methylphenol	52.1		58.5	ug/L	112		7		17	148	20
2-Methylnaphthalene	52.1		62.5	ug/L	120		9		38	146	20
Hexachlorocyclopentadiene	100		110	ug/L	110		0		20	153	20
2,4,6-Trichlorophenol	52.1		60.7	ug/L	117		5		46	139	20
2,4,5-Trichlorophenol	52.1		58.3	ug/L	112		8		42	129	20
1,1-Biphenyl	52.1		56.8	ug/L	109		3		38	154	20
2-Chloronaphthalene	52.1		59.8	ug/L	115		4		41	145	20
2-Nitroaniline	52.1		67.7	ug/L	130		5		39	151	20
Dimethylphthalate	52.1		67.2	ug/L	129		2		42	147	20
Acenaphthylene	52.1		68.1	ug/L	131		5		40	141	20
2,6-Dinitrotoluene	52.1		65.3	ug/L	125		3		43	148	20
3-Nitroaniline	52.1		48.8	ug/L	94		4		10	111	20
Acenaphthene	52.1		61.4	ug/L	118		3		37	146	20
Total PAH	833.6		1014	ug/L	122		6		37	146	20
2,4-Dinitrophenol	100		120	ug/L	120		9		14	167	20
4-Nitrophenol	100		22.8	ug/L	23		9		10	130	20
Dibenzofuran	52.1		65.7	ug/L	126		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

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	104.2		133.8	ug/L	128		6		40	151	20
2,4-Dinitrotoluene	52.1		68.5	ug/L	131		8		40	151	20
Diethylphthalate	52.1		70.5	ug/L	135		6		41	148	20
4-Chlorophenyl-phenylether	52.1		66	ug/L	127		2		38	149	20
Fluorene	52.1		66.1	ug/L	127		5		39	144	20
4-Nitroaniline	52.1		60.2	ug/L	116		7		27	138	20
4,6-Dinitro-2-methylphenol	52.1		66.3	ug/L	127		7		32	175	20
N-Nitrosodiphenylamine	52.1		69.4	ug/L	133		5		40	150	20
Azobenzene	52.1		65.2	ug/L	125	*	4		72	112	20
4-Bromophenyl-phenylether	52.1		66	ug/L	127		2		42	151	20
Hexachlorobenzene	52.1		65.7	ug/L	126		3		60	129	20
Atrazine	52.1		78.2	ug/L	150		8		20	162	20
Pentachlorophenol	100		91	ug/L	91		2		15	137	20
Phenanthrene	52.1		67.4	ug/L	129		4		40	147	20
Anthracene	52.1		69.1	ug/L	133		4		41	146	20
Carbazole	52.1		64.4	ug/L	124		8		37	154	20
Di-n-butylphthalate	52.1		71.3	ug/L	137		7		40	151	20
Fluoranthene	52.1		59	ug/L	113		5		42	146	20
Benzydine	100		37.3	ug/L	37		3		10	130	20
Pyrene	52.1		60.7	ug/L	117		8		41	149	20
Butylbenzylphthalate	52.1		71.1	ug/L	136		5		39	155	20
3,3-Dichlorobenzidine	52.1		74.3	ug/L	143	*	6		10	114	20
Benzo(a)anthracene	52.1		67.3	ug/L	129		6		41	147	20
Chrysene	52.1		69	ug/L	132		7		44	144	20
bis(2-Ethylhexyl)phthalate	52.1		67.7	ug/L	130		4		33	160	20
Di-n-octyl phthalate	52.1		66.5	ug/L	128		6		36	158	20
Benzo(b)fluoranthene	52.1		60.9	ug/L	117		5		40	150	20
Benzo(k)fluoranthene	52.1		73.1	ug/L	140		7		40	147	20
Benzo(a)pyrene	52.1		69.2	ug/L	133		5		42	147	20
Indeno(1,2,3-cd)pyrene	52.1		58.6	ug/L	112		5		30	166	20
Dibenz(a,h)anthracene	52.1		58.3	ug/L	112		6		23	172	20
Benzo(g,h,i)perylene	52.1		49.9	ug/L	96		6		27	167	20
1,2,4,5-Tetrachlorobenzene	52.1		56.1	ug/L	108	*	4		89	102	20
1,4-Dioxane	52.1		19.2	ug/L	37	*	6		38	130	20
2,3,4,6-Tetrachlorophenol	52.1		61.5	ug/L	118	*	4		91	111	20
1-Methylnaphthalene	52.1		59.2	ug/L	114		6		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3464-02MS		Client Sample ID: TOPSOILMS		DataFile: BF138907.D							
n-Nitrosodimethylamine	50		25.7	ug/L	51				10	130	
Pyridine	50		16.3	ug/L	33				10	109	
Benzaldehyde	50		4	ug/L	8	*			10	137	
Aniline	50		36.1	ug/L	72				10	130	
Phenol	50		16.4	ug/L	33				10	130	
bis(2-Chloroethyl)ether	50		51.1	ug/L	102				29	141	
2-Chlorophenol	50		44.4	ug/L	89				23	127	
1,2-Dichlorobenzene	50		46	ug/L	92				61	114	
1,3-Dichlorobenzene	50		43	ug/L	86				65	106	
1,4-Dichlorobenzene	50		44	ug/L	88				55	125	
Benzyl Alcohol	50		39	ug/L	78				31	94	
2-Methylphenol	50		36.3	ug/L	73				23	132	
2,2-oxybis(1-Chloropropane)	50		51	ug/L	102				36	141	
Acetophenone	50		56.8	ug/L	114				31	164	
3+4-Methylphenols	50		34.3	ug/L	69				17	136	
N-Nitroso-di-n-propylamine	50		60	ug/L	120				36	147	
Hexachloroethane	50		43.4	ug/L	87				35	137	
Nitrobenzene	50		54.6	ug/L	109				40	134	
Isophorone	50		59.9	ug/L	120				39	146	
2-Nitrophenol	50		55.7	ug/L	111				30	148	
2,4-Dimethylphenol	50		56.8	ug/L	114				17	143	
bis(2-Chloroethoxy)methane	50		55.8	ug/L	112				39	143	
2,4-Dichlorophenol	50		54.7	ug/L	109				22	146	
1,2,4-Trichlorobenzene	50		51	ug/L	102				66	110	
Benzoic acid	50		8.9	ug/L	18				10	101	
Naphthalene	50		52.3	ug/L	105				17	157	
4-Chloroaniline	50		47.8	ug/L	96	*			10	95	
Hexachlorobutadiene	50		46.2	ug/L	92				52	125	
Caprolactam	50		9.8	ug/L	20				10	130	
4-Chloro-3-methylphenol	50		54	ug/L	108				17	148	
2-Methylnaphthalene	50		57.7	ug/L	115				38	146	
Hexachlorocyclopentadiene	100		110	ug/L	110				20	153	
2,4,6-Trichlorophenol	50		58	ug/L	116				46	139	
2,4,5-Trichlorophenol	50		55.6	ug/L	111				42	129	
1,1-Biphenyl	50		55.5	ug/L	111				38	154	
2-Chloronaphthalene	50		58	ug/L	116				41	145	
2-Nitroaniline	50		66.7	ug/L	133				39	151	
Dimethylphthalate	50		68.1	ug/L	136				42	147	
Acenaphthylene	50		65.3	ug/L	131				40	141	
2,6-Dinitrotoluene	50		63.7	ug/L	127				43	148	
3-Nitroaniline	50		49.8	ug/L	100				10	111	
Acenaphthene	50		60.5	ug/L	121				37	146	
Total PAH	800		992.7	ug/L	124				37	146	
2,4-Dinitrophenol	100		110	ug/L	110				14	167	
4-Nitrophenol	100		22.7	ug/L	23				10	130	
Dibenzofuran	50		63.4	ug/L	127				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	50		68.3	ug/L	137				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	100		132	ug/L	132				40	151	
Diethylphthalate	50		67.9	ug/L	136				41	148	
4-Chlorophenyl-phenylether	50		64.5	ug/L	129				38	149	
Fluorene	50		65.2	ug/L	130				39	144	
4-Nitroaniline	50		58.4	ug/L	117				27	138	
4,6-Dinitro-2-methylphenol	50		62.8	ug/L	126				32	175	
N-Nitrosodiphenylamine	50		67.1	ug/L	134				40	150	
Azobenzene	50		63.9	ug/L	128	*			72	112	
4-Bromophenyl-phenylether	50		65.1	ug/L	130				42	151	
Hexachlorobenzene	50		65.1	ug/L	130	*			60	129	
Atrazine	50		69.1	ug/L	138				20	162	
Pentachlorophenol	100		110	ug/L	110				15	137	
Phenanthrene	50		65.9	ug/L	132				40	147	
Anthracene	50		67.2	ug/L	134				41	146	
Carbazole	50		61.8	ug/L	124				37	154	
Di-n-butylphthalate	50		68.3	ug/L	137				40	151	
Fluoranthene	50		58.5	ug/L	117				42	146	
Benzydine	100		21.7	ug/L	22				10	130	
Pyrene	50		56.9	ug/L	114				41	149	
Butylbenzylphthalate	50		66.5	ug/L	133				39	155	
3,3-Dichlorobenzidine	50		69.5	ug/L	139	*			10	114	
Benzo(a)anthracene	50		64.8	ug/L	130				41	147	
Chrysene	50		63.9	ug/L	128				44	144	
bis(2-Ethylhexyl)phthalate	50		66.5	ug/L	133				33	160	
Di-n-octyl phthalate	50		63.9	ug/L	128				36	158	
Benzo(b)fluoranthene	50		61.4	ug/L	123				40	150	
Benzo(k)fluoranthene	50		70.8	ug/L	142				40	147	
Benzo(a)pyrene	50		69.9	ug/L	140				42	147	
Indeno(1,2,3-cd)pyrene	50		60	ug/L	120				30	166	
Dibenz(a,h)anthracene	50		58.8	ug/L	118				23	172	
Benzo(g,h,i)perylene	50		51.3	ug/L	103				27	167	
1,2,4,5-Tetrachlorobenzene	50		54.2	ug/L	108	*			89	102	
1,4-Dioxane	50		17.3	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	50		58.6	ug/L	117	*			91	111	
1-Methylnaphthalene	50		54.2	ug/L	108				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3464-02MSD		Client Sample ID: TOPSOILMSD		DataFile: BF138908.D							
n-Nitrosodimethylamine	50		23.6	ug/L	47		8		10	130	20
Pyridine	50		14.9	ug/L	30		10		10	109	20
Benzaldehyde	50		0	ug/L	0	*	200	*	10	137	20
Aniline	50		32.5	ug/L	65		10		10	130	20
Phenol	50		14.8	ug/L	30		10		10	130	20
bis(2-Chloroethyl)ether	50		46.7	ug/L	93		9		29	141	20
2-Chlorophenol	50		41.3	ug/L	83		7		23	127	20
1,2-Dichlorobenzene	50		41.4	ug/L	83		10		61	114	20
1,3-Dichlorobenzene	50		39.6	ug/L	79		8		65	106	20
1,4-Dichlorobenzene	50		40.9	ug/L	82		7		55	125	20
Benzyl Alcohol	50		35.6	ug/L	71		9		31	94	20
2-Methylphenol	50		32.7	ug/L	65		12		23	132	20
2,2-oxybis(1-Chloropropane)	50		47.1	ug/L	94		8		36	141	20
Acetophenone	50		50.7	ug/L	101		12		31	164	20
3+4-Methylphenols	50		31	ug/L	62		11		17	136	20
N-Nitroso-di-n-propylamine	50		54.8	ug/L	110		9		36	147	20
Hexachloroethane	50		40.1	ug/L	80		8		35	137	20
Nitrobenzene	50		49	ug/L	98		11		40	134	20
Isophorone	50		53	ug/L	106		12		39	146	20
2-Nitrophenol	50		50	ug/L	100		10		30	148	20
2,4-Dimethylphenol	50		48.5	ug/L	97		16		17	143	20
bis(2-Chloroethoxy)methane	50		50.1	ug/L	100		11		39	143	20
2,4-Dichlorophenol	50		48.1	ug/L	96		13		22	146	20
1,2,4-Trichlorobenzene	50		44.8	ug/L	90		13		66	110	20
Benzoic acid	50		8.6	ug/L	17		6		10	101	20
Naphthalene	50		47.3	ug/L	95		10		17	157	20
4-Chloroaniline	50		42.5	ug/L	85		12		10	95	20
Hexachlorobutadiene	50		43.5	ug/L	87		6		52	125	20
Caprolactam	50		8	ug/L	16		22	*	10	130	20
4-Chloro-3-methylphenol	50		46.3	ug/L	93		15		17	148	20
2-Methylnaphthalene	50		51.3	ug/L	103		11		38	146	20
Hexachlorocyclopentadiene	100		97.9	ug/L	98		12		20	153	20
2,4,6-Trichlorophenol	50		49.7	ug/L	99		16		46	139	20
2,4,5-Trichlorophenol	50		48.3	ug/L	97		13		42	129	20
1,1-Biphenyl	50		48.8	ug/L	98		12		38	154	20
2-Chloronaphthalene	50		51.1	ug/L	102		13		41	145	20
2-Nitroaniline	50		56	ug/L	112		17		39	151	20
Dimethylphthalate	50		58.2	ug/L	116		16		42	147	20
Acenaphthylene	50		57.2	ug/L	114		14		40	141	20
2,6-Dinitrotoluene	50		54.2	ug/L	108		16		43	148	20
3-Nitroaniline	50		42	ug/L	84		17		10	111	20
Acenaphthene	50		51.3	ug/L	103		16		37	146	20
Total PAH	800		882.6	ug/L	110		12		37	146	20
2,4-Dinitrophenol	100		91.5	ug/L	92		18		14	167	20
4-Nitrophenol	100		17.7	ug/L	18		24	*	10	130	20
Dibenzofuran	50		54.5	ug/L	109		15		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	50		55.1	ug/L	110		22	*	40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	100		109.3	ug/L	109		19		40	151	20
Diethylphthalate	50		57.2	ug/L	114		18		41	148	20
4-Chlorophenyl-phenylether	50		54.9	ug/L	110		16		38	149	20
Fluorene	50		54.6	ug/L	109		18		39	144	20
4-Nitroaniline	50		47.7	ug/L	95		21	*	27	138	20
4,6-Dinitro-2-methylphenol	50		57	ug/L	114		10		32	175	20
N-Nitrosodiphenylamine	50		62.3	ug/L	125		7		40	150	20
Azobenzene	50		53.8	ug/L	108		17		72	112	20
4-Bromophenyl-phenylether	50		59.3	ug/L	119		9		42	151	20
Hexachlorobenzene	50		60	ug/L	120		8		60	129	20
Atrazine	50		62.2	ug/L	124		11		20	162	20
Pentachlorophenol	100		96.7	ug/L	97		13		15	137	20
Phenanthrene	50		60.1	ug/L	120		10		40	147	20
Anthracene	50		61.3	ug/L	123		9		41	146	20
Carbazole	50		56.8	ug/L	114		8		37	154	20
Di-n-butylphthalate	50		61.6	ug/L	123		11		40	151	20
Fluoranthene	50		54.6	ug/L	109		7		42	146	20
Benzydine	100		23.3	ug/L	23		4		10	130	20
Pyrene	50		48.1	ug/L	96		17		41	149	20
Butylbenzylphthalate	50		58.6	ug/L	117		13		39	155	20
3,3-Dichlorobenzidine	50		65.4	ug/L	131	*	6		10	114	20
Benzo(a)anthracene	50		57.8	ug/L	116		11		41	147	20
Chrysene	50		57.6	ug/L	115		11		44	144	20
bis(2-Ethylhexyl)phthalate	50		58.5	ug/L	117		13		33	160	20
Di-n-octyl phthalate	50		55.9	ug/L	112		13		36	158	20
Benzo(b)fluoranthene	50		54.7	ug/L	109		12		40	150	20
Benzo(k)fluoranthene	50		62.1	ug/L	124		14		40	147	20
Benzo(a)pyrene	50		61.7	ug/L	123		13		42	147	20
Indeno(1,2,3-cd)pyrene	50		54.2	ug/L	108		11		30	166	20
Dibenz(a,h)anthracene	50		53.6	ug/L	107		10		23	172	20
Benzo(g,h,i)perylene	50		46.4	ug/L	93		10		27	167	20
1,2,4,5-Tetrachlorobenzene	50		48.5	ug/L	97		11		89	102	20
1,4-Dioxane	50		15.6	ug/L	31	*	12		38	130	20
2,3,4,6-Tetrachlorophenol	50		49.7	ug/L	99		17		91	111	20
1-Methylnaphthalene	50		48	ug/L	96		12		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF081024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3415-04MS	MLS-15-70-85MS	BF138909.D	2-Fluorophenol	150	63.41	42		10	139
			Phenol-d6	150	38.90	26		10	134
			Nitrobenzene-d5	100	108.21	108		49	133
			2-Fluorobiphenyl	100	110.11	110		52	132
			2,4,6-Tribromophenol	150	161.50	108		32	145
			Terphenyl-d14	100	116.45	116		36	145
P3415-05MSD	MLS-15-70-85MS	BF138910.D	2-Fluorophenol	150	65.94	44		10	139
			Phenol-d6	150	40.18	27		10	134
			Nitrobenzene-d5	100	117.46	117		49	133
			2-Fluorobiphenyl	100	114.36	114		52	132
			2,4,6-Tribromophenol	150	171.85	115		32	145
			Terphenyl-d14	100	126.52	127		36	145

Surrogate Summary

SW-846

SDG No.: **BF081024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3457-01	924-K1-WS-080224BF138915.D		2-Fluorophenol	150	56.33	38		10	139
			Phenol-d6	150	33.16	22		10	134
			Nitrobenzene-d5	100	95.33	95		49	133
			2-Fluorobiphenyl	100	98.14	98		52	132
			2,4,6-Tribromophenol	150	148.54	99		32	145
			Terphenyl-d14	100	111.74	112		36	145
P3457-02	932-K1-WS-080224BF138916.D		2-Fluorophenol	150	55.07	37		10	139
			Phenol-d6	150	32.62	22		10	134
			Nitrobenzene-d5	100	97.86	98		49	133
			2-Fluorobiphenyl	100	98.93	99		52	132
			2,4,6-Tribromophenol	150	142.33	95		32	145
			Terphenyl-d14	100	106.26	106		36	145
P3466-01	924-K1-WP0-0.25-(BF138917.D		2-Fluorophenol	150	62.35	42		10	139
			Phenol-d6	150	39.57	26		10	134
			Nitrobenzene-d5	100	87.25	87		49	133
			2-Fluorobiphenyl	100	86.75	87		52	132
			2,4,6-Tribromophenol	150	131.95	88		32	145
			Terphenyl-d14	100	94.31	94		36	145
P3466-02MS	924-K1-WP0-0.25-(BF138918.D		2-Fluorophenol	150	73.14	49		10	139
			Phenol-d6	150	47.46	32		10	134
			Nitrobenzene-d5	100	95.85	96		49	133
			2-Fluorobiphenyl	100	94.06	94		52	132
			2,4,6-Tribromophenol	150	142.60	95		32	145
			Terphenyl-d14	100	93.13	93		36	145
P3466-03MSD	924-K1-WP0-0.25-(BF138919.D		2-Fluorophenol	150	82.11	55		10	139
			Phenol-d6	150	52.53	35		10	134
			Nitrobenzene-d5	100	107.38	107		49	133
			2-Fluorobiphenyl	100	104.46	104		52	132
			2,4,6-Tribromophenol	150	155.55	104		32	145
			Terphenyl-d14	100	103.20	103		36	145
P3466-04	932-K1-WP0-0.25-(BF138912.D		2-Fluorophenol	150	94.48	63		10	139
			Phenol-d6	150	64.94	43		10	134
			Nitrobenzene-d5	100	106.80	107		49	133
			2-Fluorobiphenyl	100	106.70	107		52	132
			2,4,6-Tribromophenol	150	167.27	112		32	145
			Terphenyl-d14	100	124.12	124		36	145
P3466-05	919-J-WP0-0.25-08 BF138913.D		2-Fluorophenol	150	78.46	52		10	139
			Phenol-d6	150	50.45	34		10	134
			Nitrobenzene-d5	100	103.87	104		49	133
			2-Fluorobiphenyl	100	99.05	99		52	132
			2,4,6-Tribromophenol	150	159.24	106		32	145
			Terphenyl-d14	100	122.59	123		36	145

Surrogate Summary

SW-846

SDG No.: **BF081024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3464-02MS	TOPSOILMS	BF138907.D	2-Fluorophenol	150	57.18	38		10	139
			Phenol-d6	150	35.52	24		10	134
			Nitrobenzene-d5	100	98.33	98		49	133
			2-Fluorobiphenyl	100	102.53	103		52	132
			2,4,6-Tribromophenol	150	155.24	103		32	145
			Terphenyl-d14	100	108.57	109		36	145
P3464-02MSD	TOPSOILMSD	BF138908.D	2-Fluorophenol	150	52.68	35		10	139
			Phenol-d6	150	31.03	21		10	134
			Nitrobenzene-d5	100	88.99	89		49	133
			2-Fluorobiphenyl	100	91.08	91		52	132
			2,4,6-Tribromophenol	150	129.20	86		32	145
			Terphenyl-d14	100	91.54	92		36	145
P3476-01	MUL04	BF138911.D	2-Fluorophenol	150	47.06	31		10	139
			2-Fluorophenol	150	74.55	50		10	139
		BF138922.D	Phenol-d6	150	47.19	31		10	134
			Phenol-d6	150	27.06	18		10	134
		BF138911.D	Nitrobenzene-d5	100	86.50	86		49	133
			Nitrobenzene-d5	100	100.55	101		49	133
		BF138922.D	2-Fluorobiphenyl	100	99.29	99		52	132
			2-Fluorobiphenyl	100	83.53	84		52	132
		BF138911.D	2,4,6-Tribromophenol	150	124.26	83		32	145
			2,4,6-Tribromophenol	150	148.32	99		32	145
		BF138922.D	Terphenyl-d14	100	99.14	99		36	145
			Terphenyl-d14	100	85.45	85		36	145
P3476-03	MUL05	BF138920.D	2-Fluorophenol	150	55.67	37		10	139
			Phenol-d6	150	32.83	22		10	134
			Nitrobenzene-d5	100	93.66	94		49	133
			2-Fluorobiphenyl	100	93.53	94		52	132
			2,4,6-Tribromophenol	150	133.60	89		32	145
			Terphenyl-d14	100	82.26	82		36	145
P3476-05	MUL06	BF138921.D	2-Fluorophenol	150	56.63	38		10	139
			Phenol-d6	150	36.70	24		10	134
			Nitrobenzene-d5	100	71.79	72		49	133
			2-Fluorobiphenyl	100	89.06	89		52	132
			2,4,6-Tribromophenol	150	121.50	81		32	145
			Terphenyl-d14	100	82.53	83		36	145
P3476-07	MUL07	BF138914.D	2-Fluorophenol	150	89.43	60		10	139
			Phenol-d6	150	57.44	38		10	134
			Nitrobenzene-d5	100	93.55	94		49	133
			2-Fluorobiphenyl	100	98.47	98		52	132
			2,4,6-Tribromophenol	150	142.14	95		32	145
			Terphenyl-d14	100	89.18	89		36	145
P3479-01	TS08	BF138905.D	2-Fluorophenol	150	62.07	41		10	139
			Phenol-d6	150	36.69	24		10	134
			Nitrobenzene-d5	100	113.18	113		49	133
			2-Fluorobiphenyl	100	112.23	112		52	132
			2,4,6-Tribromophenol	150	174.35	116		32	145
			Terphenyl-d14	100	145.46	145		36	145
P3479-03	TS09	BF138903.D	2-Fluorophenol	150	58.37	39		10	139

Surrogate Summary

SW-846

SDG No.: **BF081024**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3479-03	TS09	BF138903.D	Phenol-d6	150	33.83	23		10	134
			Nitrobenzene-d5	100	107.68	108		49	133
			2-Fluorobiphenyl	100	105.55	106		52	132
			2,4,6-Tribromophenol	150	168.28	112		32	145
			Terphenyl-d14	100	130.83	131		36	145
P3479-05	TS10	BF138904.D	2-Fluorophenol	150	55.38	37		10	139
			Phenol-d6	150	32.07	21		10	134
			Nitrobenzene-d5	100	102.85	103		49	133
			2-Fluorobiphenyl	100	98.36	98		52	132
			2,4,6-Tribromophenol	150	159.02	106		32	145
P3479-07	TS11	BF138906.D	Terphenyl-d14	100	129.59	130		36	145
			2-Fluorophenol	150	67.87	45		10	139
			Phenol-d6	150	42.85	29		10	134
			Nitrobenzene-d5	100	110.10	110		49	133
			2-Fluorobiphenyl	100	108.10	108		52	132
PB162577TB	PB162577TB	BF138902.D	2,4,6-Tribromophenol	150	172.52	115		32	145
			Terphenyl-d14	100	146.01	146	*	36	145
			2-Fluorophenol	150	145.59	97		10	139
			Phenol-d6	150	144.84	97		10	134
			Nitrobenzene-d5	100	96.78	97		49	133
			2-Fluorobiphenyl	100	97.42	97		52	132
			2,4,6-Tribromophenol	150	161.04	107		32	145
			Terphenyl-d14	100	111.45	111		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081024

Lab Code: CHEM

SAS No.: BF081024 SDG NO.: BF081024

Lab File ID: BF138900.D

DFTPP Injection Date: 08/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.7
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	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	81.3
443	15.0 - 24.0% of mass 442	15.6 (19.2) 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	BF138901.D	08/10/2024	10:41
PB162577TB	PB162577TB	BF138902.D	08/10/2024	11:11
TS09	P3479-03	BF138903.D	08/10/2024	11:46
TS10	P3479-05	BF138904.D	08/10/2024	12:16
TS08	P3479-01	BF138905.D	08/10/2024	12:46
TS11	P3479-07	BF138906.D	08/10/2024	13:16
TOPSOILMS	P3464-02MS	BF138907.D	08/10/2024	13:47
TOPSOILMSD	P3464-02MSD	BF138908.D	08/10/2024	14:17
MLS-15-70-85MS	P3415-04MS	BF138909.D	08/10/2024	14:48
MLS-15-70-85MSD	P3415-05MSD	BF138910.D	08/10/2024	15:19
MUL04	P3476-01	BF138911.D	08/10/2024	15:49
932-K1-WP0-0.25-080224	P3466-04	BF138912.D	08/10/2024	16:20
919-J-WP0-0.25-080224	P3466-05	BF138913.D	08/10/2024	16:51
MUL07	P3476-07	BF138914.D	08/10/2024	17:21
924-K1-WS-080224	P3457-01	BF138915.D	08/10/2024	17:52
932-K1-WS-080224	P3457-02	BF138916.D	08/10/2024	18:22
924-K1-WP0-0.25-080224	P3466-01	BF138917.D	08/10/2024	18:53
924-K1-WP0-0.25-080224MS	P3466-02MS	BF138918.D	08/10/2024	19:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081024

Lab Code: CHEM

SAS No.: BF081024 SDG NO.: BF081024

Lab File ID: BF138900.D

DFTPP Injection Date: 08/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.7
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	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	81.3
443	15.0 - 24.0% of mass 442	15.6 (19.2) 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
924-K1-WP0-0.25-080224MSD	P3466-03MSD	BF138919.D	08/10/2024	19:54
MUL05	P3476-03	BF138920.D	08/10/2024	20:24
MUL06	P3476-05	BF138921.D	08/10/2024	20:54
MUL04	P3476-01	BF138922.D	08/10/2024	21:25