

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG No.: BF080624

Instrument ID: BNA_F Calibration Date/Time: 8/6/2024 12:12:46

Lab File ID: BF138805.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	0.820		0.244	
Pyridine	1.374	1.218		-11.354	
2-Fluorophenol	1.296	1.265		-2.392	
Benzaldehyde	1.043	0.823		-21.093	
Aniline	1.551	1.466		-5.48	
Phenol-d6	1.740	1.732		-0.46	
Phenol	1.832	1.791		-2.185	20.0
bis(2-Chloroethyl) ether	1.409	1.372		-2.626	
2-Chlorophenol	1.363	1.371		0.587	
1,2-Dichlorobenzene	1.439	1.469		2.085	
1,3-Dichlorobenzene	1.526	1.503		-1.507	
1,4-Dichlorobenzene	1.540	1.547		0.455	20.0
Benzyl Alcohol	1.254	1.307		4.226	
2-Methylphenol	1.126	1.123		-0.266	
2,2-oxybis(1-Chloropropane)	2.426	2.050		-15.499	
Acetophenone	0.490	0.504		2.857	
3+4-Methylphenols	1.444	1.512		4.709	
n-Nitroso-di-n-propylamine	1.051	1.052	0.050	0.095	
Nitrobenzene-d5	0.409	0.412		0.733	
Hexachloroethane	0.580	0.580		0.0	
Nitrobenzene	0.416	0.411		-1.202	
Isophorone	0.699	0.687		-1.717	
2-Nitrophenol	0.179	0.184		2.793	20.0
2,4-Dimethylphenol	0.214	0.211		-1.402	
bis(2-Chloroethoxy) methane	0.425	0.415		-2.353	
2,4-Dichlorophenol	0.275	0.287		4.364	20.0
1,2,4-Trichlorobenzene	0.318	0.323		1.572	
Benzoic acid	0.168	0.177		5.357	
Naphthalene	1.053	1.054		0.095	
4-Chloroaniline	0.353	0.355		0.567	
Hexachlorobutadiene	0.192	0.201		4.688	20.0
Caprolactam	0.082	0.086		4.878	
4-Chloro-3-methylphenol	0.315	0.331		5.079	20.0
2-Methylnaphthalene	0.665	0.687		3.308	
Hexachlorocyclopentadiene	0.120	0.113	0.050	-5.833	
2,4,6-Trichlorophenol	0.339	0.352		3.835	20.0
2-Fluorobiphenyl	1.331	1.433		7.663	
2,4,5-Trichlorophenol	0.370	0.390		5.405	
1,1-Biphenyl	1.566	1.602		2.299	

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Lab File ID: BF138805.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	1.186		1.803	
2-Nitroaniline	0.395	0.400		1.266	
Dimethylphthalate	1.279	1.349		5.473	
Acenaphthylene	1.652	1.670		1.09	
2,6-Dinitrotoluene	0.289	0.309		6.92	
3-Nitroaniline	0.298	0.300		0.671	
Acenaphthene	1.111	1.119		0.72	20.0
2,4-Dinitrophenol	0.133	0.175	0.050	31.579	
4-Nitrophenol	0.179	0.244	0.050	36.313	
Dibenzofuran	1.568	1.621		3.38	
2,4-Dinitrotoluene	0.368	0.401		8.967	
Diethylphthalate	1.213	1.320		8.821	
4-Chlorophenyl-phenylether	0.614	0.655		6.678	
Fluorene	1.249	1.295		3.683	
4-Nitroaniline	0.284	0.299		5.282	
4,6-Dinitro-2-methylphenol	0.122	0.131		7.377	
n-Nitrosodiphenylamine	0.625	0.638		2.08	20.0
Azobenzene	1.345	1.347		0.149	
2,4,6-Tribromophenol	0.164	0.185		12.805	
4-Bromophenyl-phenylether	0.217	0.221		1.843	
Hexachlorobenzene	0.224	0.236		5.357	
Atrazine	0.161	0.161		0.0	
Pentachlorophenol	0.101	0.127		25.743	20.0
Phenanthrene	1.030	1.040		0.971	
Anthracene	1.015	1.035		1.97	
Carbazole	0.875	0.889		1.6	
Di-n-butylphthalate	0.984	1.105		12.297	
Fluoranthene	0.961	0.989		2.914	20.0
Benzidine	0.478	0.431		-9.833	
Pyrene	1.883	2.074		10.143	
Terphenyl-d14	1.195	1.332		11.464	
Butylbenzylphthalate	0.603	0.631		4.643	
3,3-Dichlorobenzidine	0.352	0.338		-3.977	
Benzo(a)anthracene	1.377	1.366		-0.799	
Chrysene	1.243	1.262		1.529	
Bis(2-ethylhexyl)phthalate	0.883	0.807		-8.607	
Di-n-octyl phthalate	1.634	1.427		-12.668	20.0
Benzo(b)fluoranthene	1.240	1.208		-2.581	
Benzo(k)fluoranthene	1.073	1.079		0.559	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG No.: BF080624

Instrument ID: BNA_F Calibration Date/Time: 8/6/2024 12:12:46

Lab File ID: BF138805.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	1.031		-1.151	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.362		-4.955	
Dibenzo(a,h)anthracene	1.177	1.121		-4.758	
Benzo(g,h,i)perylene	1.221	1.126		-7.781	
1,2,4,5-Tetrachlorobenzene	0.556	0.588		5.755	
1,4-Dioxane	0.567	0.490		-13.58	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.306		8.127	
1-Methylnaphthalene	0.652	0.671		2.914	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG No.: BF080624

Instrument ID: BNA_F Calibration Date/Time: 8/6/2024 12:17:55

Lab File ID: BF138812.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	0.822		0.489	
Pyridine	1.374	1.241		-9.68	
2-Fluorophenol	1.296	1.272		-1.852	
Benzaldehyde	1.043	0.950		-8.917	
Aniline	1.551	1.518		-2.128	
Phenol-d6	1.740	1.754		0.805	
Phenol	1.832	1.825		-0.328	20.0
bis(2-Chloroethyl) ether	1.409	1.352		-4.045	
2-Chlorophenol	1.363	1.395		2.348	
1,2-Dichlorobenzene	1.439	1.487		3.336	
1,3-Dichlorobenzene	1.526	1.555		1.9	
1,4-Dichlorobenzene	1.540	1.534		-0.39	20.0
Benzyl Alcohol	1.254	1.326		5.742	
2-Methylphenol	1.126	1.150		2.131	
2,2-oxybis(1-Chloropropane)	2.426	2.085		-14.056	
Acetophenone	0.490	0.511		4.286	
3+4-Methylphenols	1.444	1.496		3.601	
n-Nitroso-di-n-propylamine	1.051	1.077	0.050	2.474	
Nitrobenzene-d5	0.409	0.416		1.711	
Hexachloroethane	0.580	0.578		-0.345	
Nitrobenzene	0.416	0.416		0.0	
Isophorone	0.699	0.686		-1.86	
2-Nitrophenol	0.179	0.186		3.911	20.0
2,4-Dimethylphenol	0.214	0.214		0.0	
bis(2-Chloroethoxy) methane	0.425	0.409		-3.765	
2,4-Dichlorophenol	0.275	0.289		5.091	20.0
1,2,4-Trichlorobenzene	0.318	0.329		3.459	
Benzoic acid	0.168	0.159		-5.357	
Naphthalene	1.053	1.064		1.045	
4-Chloroaniline	0.353	0.319		-9.632	
Hexachlorobutadiene	0.192	0.203		5.729	20.0
Caprolactam	0.082	0.084		2.439	
4-Chloro-3-methylphenol	0.315	0.323		2.54	20.0
2-Methylnaphthalene	0.665	0.685		3.008	
Hexachlorocyclopentadiene	0.120	0.105	0.050	-12.5	
2,4,6-Trichlorophenol	0.339	0.353		4.13	20.0
2-Fluorobiphenyl	1.331	1.404		5.485	
2,4,5-Trichlorophenol	0.370	0.384		3.784	
1,1-Biphenyl	1.566	1.593		1.724	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.169		0.343	
2-Nitroaniline	0.395	0.395		0.0	
Dimethylphthalate	1.279	1.342		4.926	
Acenaphthylene	1.652	1.658		0.363	
2,6-Dinitrotoluene	0.289	0.308		6.574	
3-Nitroaniline	0.298	0.299		0.336	
Acenaphthene	1.111	1.128		1.53	20.0
2,4-Dinitrophenol	0.133	0.165	0.050	24.06	
4-Nitrophenol	0.179	0.220	0.050	22.905	
Dibenzofuran	1.568	1.602		2.168	
2,4-Dinitrotoluene	0.368	0.402		9.239	
Diethylphthalate	1.213	1.318		8.656	
4-Chlorophenyl-phenylether	0.614	0.652		6.189	
Fluorene	1.249	1.318		5.524	
4-Nitroaniline	0.284	0.296		4.225	
4,6-Dinitro-2-methylphenol	0.122	0.128		4.918	
n-Nitrosodiphenylamine	0.625	0.622		-0.48	20.0
Azobenzene	1.345	1.350		0.372	
2,4,6-Tribromophenol	0.164	0.180		9.756	
4-Bromophenyl-phenylether	0.217	0.221		1.843	
Hexachlorobenzene	0.224	0.229		2.232	
Atrazine	0.161	0.153		-4.969	
Pentachlorophenol	0.101	0.126		24.752	20.0
Phenanthrene	1.030	1.022		-0.777	
Anthracene	1.015	1.028		1.281	
Carbazole	0.875	0.887		1.371	
Di-n-butylphthalate	0.984	1.132		15.041	
Fluoranthene	0.961	0.996		3.642	20.0
Benzidine	0.478	0.488		2.092	
Pyrene	1.883	2.113		12.215	
Terphenyl-d14	1.195	1.369		14.561	
Butylbenzylphthalate	0.603	0.651		7.96	
3,3-Dichlorobenzidine	0.352	0.358		1.705	
Benzo(a)anthracene	1.377	1.376		-0.073	
Chrysene	1.243	1.214		-2.333	
Bis(2-ethylhexyl)phthalate	0.883	0.787		-10.872	
Di-n-octyl phthalate	1.634	1.370		-16.157	20.0
Benzo(b)fluoranthene	1.240	1.245		0.403	
Benzo(k)fluoranthene	1.073	1.110		3.448	

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Lab File ID: BF138812.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	1.046		0.288	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.366		-4.676	
Dibenzo(a,h)anthracene	1.177	1.137		-3.398	
Benzo(g,h,i)perylene	1.221	1.130		-7.453	
1,2,4,5-Tetrachlorobenzene	0.556	0.574		3.237	
1,4-Dioxane	0.567	0.503		-11.287	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.291		2.827	
1-Methylnaphthalene	0.652	0.676		3.681	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162267TB	SDG No.:	BF080624
Lab Sample ID:	PB162267TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138806.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162267TB	SDG No.:	BF080624
Lab Sample ID:	PB162267TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138806.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162267TB	SDG No.:	BF080624
Lab Sample ID:	PB162267TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138806.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.805		10-139		91	SPK: -150
13127-88-3	Phenol-d6	135.293		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	88.854		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.191		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162267TB	SDG No.:	BF080624
Lab Sample ID:	PB162267TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138806.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.794		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	99.601		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51259	6.839				
1146-65-2	Naphthalene-d8	214070	8.122				
15067-26-2	Acenaphthene-d10	124665	9.875				
1517-22-2	Phenanthrene-d10	235815	11.363				
1719-03-5	Chrysene-d12	158113	13.998				
1520-96-3	Perylene-d12	106451	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:	PB162473BS	SDG No.:	BF080624
Lab Sample ID:	PB162473BS	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
BF138807.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.9		1	8	10	ug/L
110-86-1	Pyridine	34.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	45.2		4	8	10	ug/L
62-53-3	Aniline	34.1		1.6	4	5	ug/L
108-95-2	Phenol	47.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.8		1.4	4	5	ug/L
98-86-2	Acetophenone	43.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.1		1	4	5	ug/L
98-95-3	Nitrobenzene	42.5		1.3	4	5	ug/L
78-59-1	Isophorone	45.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	41.3		5.5	8	10	ug/L
91-20-3	Naphthalene	45.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.2		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:	PB162473BS	SDG No.:	BF080624
Lab Sample ID:	PB162473BS	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
BF138807.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.2		0.81	4	5	ug/L
Total PAH	Total PAH	772		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	87.5	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.6		0.98	4	5	ug/L
86-73-7	Fluorene	47.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.5		0.89	4	5	ug/L
103-33-3	Azobenzene	45.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.8		1.1	4	5	ug/L
1912-24-9	Atrazine	55.6		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:	PB162473BS	SDG No.:	BF080624
Lab Sample ID:	PB162473BS	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
BF138807.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48.1		0.89	4	5	ug/L
120-12-7	Anthracene	49.2		1.1	4	5	ug/L
86-74-8	Carbazole	47.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	55.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.7		1.3	4	5	ug/L
92-87-5	Benzidine	13.3		4.1	8	10	ug/L
129-00-0	Pyrene	49.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.94	4	5	ug/L
218-01-9	Chrysene	48.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	38.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	55.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	30.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.105		10-139		87	SPK: -150
13127-88-3	Phenol-d6	128.081		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	84.09		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	86.663		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:	PB162473BS	SDG No.:	BF080624
Lab Sample ID:	PB162473BS	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
BF138807.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.23		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	110.929		36-145		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50899	6.845				
1146-65-2	Naphthalene-d8	212590	8.128				
15067-26-2	Acenaphthene-d10	122030	9.88				
1517-22-2	Phenanthrene-d10	208053	11.369				
1719-03-5	Chrysene-d12	105962	14.004				
1520-96-3	Perylene-d12	92958	15.462				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162362TB	SDG No.:	BF080624
Lab Sample ID:	PB162362TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138808.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162362TB	SDG No.:	BF080624
Lab Sample ID:	PB162362TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138808.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162362TB	SDG No.:	BF080624
Lab Sample ID:	PB162362TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138808.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.674		10-139		91	SPK: -150
13127-88-3	Phenol-d6	134.598		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	88.113		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.794		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162362TB	SDG No.:	BF080624
Lab Sample ID:	PB162362TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138808.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.424		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	100.761		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49812	6.84				
1146-65-2	Naphthalene-d8	208464	8.122				
15067-26-2	Acenaphthene-d10	123985	9.875				
1517-22-2	Phenanthrene-d10	231258	11.363				
1719-03-5	Chrysene-d12	151398	13.998				
1520-96-3	Perylene-d12	102941	15.463				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BS	SDG No.:	BF080624
Lab Sample ID:	PB162384BS	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
BF138809.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.9		1	8	10	ug/L
110-86-1	Pyridine	33.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	44.5		4	8	10	ug/L
62-53-3	Aniline	33.3		1.6	4	5	ug/L
108-95-2	Phenol	46.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.8		1.4	4	5	ug/L
98-86-2	Acetophenone	43.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.4		1	4	5	ug/L
98-95-3	Nitrobenzene	42.5		1.3	4	5	ug/L
78-59-1	Isophorone	44.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	41.6		5.5	8	10	ug/L
91-20-3	Naphthalene	44.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BS	SDG No.:	BF080624
Lab Sample ID:	PB162384BS	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
BF138809.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.8		0.81	4	5	ug/L
Total PAH	Total PAH	766		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	89.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.6		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	50		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	51.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.7		0.98	4	5	ug/L
86-73-7	Fluorene	48.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.8		0.89	4	5	ug/L
103-33-3	Azobenzene	46.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.7		1.1	4	5	ug/L
1912-24-9	Atrazine	54.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BS	SDG No.:	BF080624
Lab Sample ID:	PB162384BS	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
BF138809.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47		0.89	4	5	ug/L
120-12-7	Anthracene	48.6		1.1	4	5	ug/L
86-74-8	Carbazole	47		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	54.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.1		1.3	4	5	ug/L
92-87-5	Benzidine	14.1		4.1	8	10	ug/L
129-00-0	Pyrene	49.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.94	4	5	ug/L
218-01-9	Chrysene	48.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	38.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	55.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.359		10-139		88	SPK: -150
13127-88-3	Phenol-d6	127.442		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	82.737		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	88.29		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BS	SDG No.:	BF080624
Lab Sample ID:	PB162384BS	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
BF138809.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.228		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	111.682		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51692	6.839				
1146-65-2	Naphthalene-d8	218643	8.128				
15067-26-2	Acenaphthene-d10	120829	9.88				
1517-22-2	Phenanthrene-d10	214358	11.369				
1719-03-5	Chrysene-d12	106576	14.004				
1520-96-3	Perylene-d12	95791	15.462				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BS	SDG No.:	BF080624
Lab Sample ID:	PB162320BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138810.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1500		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	730		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BS	SDG No.:	BF080624
Lab Sample ID:	PB162320BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138810.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	25500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BS	SDG No.:	BF080624
Lab Sample ID:	PB162320BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138810.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	530		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.063		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.456		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	83.706		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	87.026		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BS	SDG No.:	BF080624
Lab Sample ID:	PB162320BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138810.D	1	7/29/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.129		10-110		95	SPK: -150
1718-51-0	Terphenyl-d14	114.474	*	14-112		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51264	6.839				
1146-65-2	Naphthalene-d8	218712	8.128				
15067-26-2	Acenaphthene-d10	122436	9.88				
1517-22-2	Phenanthrene-d10	214350	11.369				
1719-03-5	Chrysene-d12	103075	14.004				
1520-96-3	Perylene-d12	95989	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:	PB162473BL	SDG No.:	BF080624
Lab Sample ID:	PB162473BL	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
BF138813.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

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:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162473BL	SDG No.:	BF080624
Lab Sample ID:	PB162473BL	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
BF138813.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

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:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162473BL	SDG No.:	BF080624
Lab Sample ID:	PB162473BL	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
BF138813.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

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	141.795		10-139		95	SPK: -150
13127-88-3	Phenol-d6	141.699		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	88.444		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.627		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:	PB162473BL	SDG No.:	BF080624
Lab Sample ID:	PB162473BL	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
BF138813.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.845		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	100.553		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49996	6.84				
1146-65-2	Naphthalene-d8	216402	8.122				
15067-26-2	Acenaphthene-d10	126625	9.875				
1517-22-2	Phenanthrene-d10	244189	11.357				
1719-03-5	Chrysene-d12	160053	13.998				
1520-96-3	Perylene-d12	110504	15.457				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BF080624
Lab Sample ID:	P3448-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138814.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550		10.3	80	100	ug/L
110-86-1	Pyridine	300		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	530		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	450		13.5	40	50	ug/L
98-86-2	Acetophenone	530		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	550		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	550		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	550		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	550		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	610		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	560		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	500		11	40	50	ug/L
65-85-0	Benzoic acid	360		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	110		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BF080624
Lab Sample ID:	P3448-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138814.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	580		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	560		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	580		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	570		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	610		9.3	40	50	ug/L
208-96-8	Acenaphthylene	610		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	580		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	9460		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	880	E	20	80	100	ug/L
132-64-9	Dibenzofuran	590		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	190		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	610		15.2	40	50	ug/L
84-66-2	Diethylphthalate	630		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	590		9.8	40	50	ug/L
86-73-7	Fluorene	590		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	430		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		8.9	40	50	ug/L
103-33-3	Azobenzene	570		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	590		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	590		11.4	40	50	ug/L
1912-24-9	Atrazine	270		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BF080624
Lab Sample ID:	P3448-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138814.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	590		8.9	40	50	ug/L
120-12-7	Anthracene	610		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	670		14.7	40	50	ug/L
206-44-0	Fluoranthene	560		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	640		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	74.1	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	590		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	660		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	660		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	670		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	610		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	600		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	530		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	620		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	520		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.559		10-139		94	SPK: -150
13127-88-3	Phenol-d6	130.424		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	103.537		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	107.98		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BF080624
Lab Sample ID:	P3448-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138814.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.842		32-145		117	SPK: -150
1718-51-0	Terphenyl-d14	124.643		36-145		125	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37876	6.84				
1146-65-2	Naphthalene-d8	151632	8.122				
15067-26-2	Acenaphthene-d10	84109	9.875				
1517-22-2	Phenanthrene-d10	139749	11.363				
1719-03-5	Chrysene-d12	71730	13.998				
1520-96-3	Perylene-d12	71699	15.463				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BF080624
Lab Sample ID:	P3448-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138815.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560		10.3	80	100	ug/L
110-86-1	Pyridine	290		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	150		16	40	50	ug/L
108-95-2	Phenol	470		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	550		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	440		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	550		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	530		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	570		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	570		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	510		12.7	40	50	ug/L
78-59-1	Isophorone	560		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	570		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	630		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	540		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	590		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	520		11	40	50	ug/L
65-85-0	Benzoic acid	390		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	58.7		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BF080624
Lab Sample ID:	P3448-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138815.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	580		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	560		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	590		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	580		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	630		9.3	40	50	ug/L
208-96-8	Acenaphthylene	610		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	570		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	92.3		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	9990		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	860	E	20	80	100	ug/L
132-64-9	Dibenzofuran	600		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	190		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	620		15.2	40	50	ug/L
84-66-2	Diethylphthalate	640		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	600		9.8	40	50	ug/L
86-73-7	Fluorene	600		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	390		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	440		8.9	40	50	ug/L
103-33-3	Azobenzene	580		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	190		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BF080624
Lab Sample ID:	P3448-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138815.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	610		8.9	40	50	ug/L
120-12-7	Anthracene	620		10.7	40	50	ug/L
86-74-8	Carbazole	410		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	700		14.7	40	50	ug/L
206-44-0	Fluoranthene	580		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	600		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	670		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	42.9	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	610		9.4	40	50	ug/L
218-01-9	Chrysene	590		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	600		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	740		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	760		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	770		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	650		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	650		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	530		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	390		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	630		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	530		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.7		10-139		96	SPK: -150
13127-88-3	Phenol-d6	133.423		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	105.521		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	109.056		52-132		109	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BF080624
Lab Sample ID:	P3448-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138815.D	1	8/2/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.321		32-145		116	SPK: -150
1718-51-0	Terphenyl-d14	136.735		36-145		137	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39271	6.84				
1146-65-2	Naphthalene-d8	158963	8.122				
15067-26-2	Acenaphthene-d10	88504	9.875				
1517-22-2	Phenanthrene-d10	148426	11.363				
1719-03-5	Chrysene-d12	72032	13.998				
1520-96-3	Perylene-d12	62804	15.462				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EB-70-150	SDG No.:	BF080624
Lab Sample ID:	P3458-02	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
BF138816.D	1	8/5/2024 12:00:00 AM	8/6/2024 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	2.7	J	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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EB-70-150	SDG No.:	BF080624
Lab Sample ID:	P3458-02	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
BF138816.D	1	8/5/2024 12:00:00 AM	8/6/2024 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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EB-70-150	SDG No.:	BF080624
Lab Sample ID:	P3458-02	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
BF138816.D	1	8/5/2024 12:00:00 AM	8/6/2024 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	48.681		10-139		32	SPK: -150
13127-88-3	Phenol-d6	28.889		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	83.373		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	84.651		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EB-70-150	SDG No.:	BF080624
Lab Sample ID:	P3458-02	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
BF138816.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.304		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	106.156		36-145		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38948	6.84				
1146-65-2	Naphthalene-d8	162077	8.122				
15067-26-2	Acenaphthene-d10	90528	9.869				
1517-22-2	Phenanthrene-d10	162333	11.357				
1719-03-5	Chrysene-d12	83404	13.998				
1520-96-3	Perylene-d12	90601	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	7	J			6.898	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.7	J			11.739	
	unknown15.192	2.6	J			15.192	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-224-239	SDG No.:	BF080624
Lab Sample ID:	P3458-03	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
BF138817.D	1	8/5/2024 12:00:00 AM	8/6/2024 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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-224-239	SDG No.:	BF080624
Lab Sample ID:	P3458-03	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
BF138817.D	1	8/5/2024 12:00:00 AM	8/6/2024 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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-224-239	SDG No.:	BF080624
Lab Sample ID:	P3458-03	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
BF138817.D	1	8/5/2024 12:00:00 AM	8/6/2024 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	49.842		10-139		33	SPK: -150
13127-88-3	Phenol-d6	28.974		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	88.061		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.203		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-224-239	SDG No.:	BF080624
Lab Sample ID:	P3458-03	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
BF138817.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.874		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	109.923		36-145		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44109	6.84				
1146-65-2	Naphthalene-d8	176574	8.122				
15067-26-2	Acenaphthene-d10	99622	9.869				
1517-22-2	Phenanthrene-d10	177871	11.357				
1719-03-5	Chrysene-d12	81862	13.998				
1520-96-3	Perylene-d12	87609	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.134	
000111-76-2	Ethanol, 2-butoxy-	580	J			5.857	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	68.3	J			8.339	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	81.5	J			8.369	
1000506-25-4	Dipropylene glycol (isomer 2)	4.4	J			8.481	
	unknown9.969	44.6	J			9.969	
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	4.3	J			12.445	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-257-272	SDG No.:	BF080624
Lab Sample ID:	P3458-04	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
BF138818.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

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	2.4	J	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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-257-272	SDG No.:	BF080624
Lab Sample ID:	P3458-04	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
BF138818.D	1	8/5/2024 12:00:00 AM	8/6/2024 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	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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-257-272	SDG No.:	BF080624
Lab Sample ID:	P3458-04	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
BF138818.D	1	8/5/2024 12:00:00 AM	8/6/2024 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	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	47.889		10-139		32	SPK: -150
13127-88-3	Phenol-d6	27.5		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	84.075		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	87.043		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-257-272	SDG No.:	BF080624
Lab Sample ID:	P3458-04	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
BF138818.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.019		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	105.69		36-145		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43450	6.84				
1146-65-2	Naphthalene-d8	178765	8.122				
15067-26-2	Acenaphthene-d10	99432	9.875				
1517-22-2	Phenanthrene-d10	181229	11.357				
1719-03-5	Chrysene-d12	82372	13.998				
1520-96-3	Perylene-d12	90449	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.128	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	3	J			2.928	
000111-76-2	Ethanol, 2-butoxy-	190	J			5.816	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	26.8	J			8.339	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	27.5	J			8.363	
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			8.439	
	unknown9.969	64.3	J			9.969	
017043-02-6	1,6,11,16-Tetraoxacycloeicosane	4.8	J			12.445	
001454-85-9	n-Heptadecanol-1	2.5	J			13.851	
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	3.2	J			14.074	
066055-34-3	1,6,11,16,21,26,31-Heptaoxacyclope	3.4	J			15.639	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EB-224-375	SDG No.:	BF080624
Lab Sample ID:	P3459-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138819.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	2.8	J	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	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	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EB-224-375	SDG No.:	BF080624
Lab Sample ID:	P3459-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138819.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EB-224-375	SDG No.:	BF080624
Lab Sample ID:	P3459-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138819.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	51.004		10-139		34	SPK: -150
13127-88-3	Phenol-d6	29.525		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	87.254		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.769		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	EB-224-375	SDG No.:	BF080624
Lab Sample ID:	P3459-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138819.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.114		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	117.013		36-145		117	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43716	6.84				
1146-65-2	Naphthalene-d8	178291	8.116				
15067-26-2	Acenaphthene-d10	101714	9.869				
1517-22-2	Phenanthrene-d10	183102	11.357				
1719-03-5	Chrysene-d12	87474	13.998				
1520-96-3	Perylene-d12	89550	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.7	A			5.057	
000104-76-7	1-Hexanol, 2-ethyl-	6.8	J			6.898	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.1	J			11.739	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-360-375	SDG No.:	BF080624
Lab Sample ID:	P3459-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138820.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	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	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-360-375	SDG No.:	BF080624
Lab Sample ID:	P3459-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138820.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-360-375	SDG No.:	BF080624
Lab Sample ID:	P3459-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138820.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	80.47		10-139		54	SPK: -150
13127-88-3	Phenol-d6	53.102		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	85.208		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.684		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	MLS-15-360-375	SDG No.:	BF080624
Lab Sample ID:	P3459-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 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
BF138820.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.358		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	103.356		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43829	6.839				
1146-65-2	Naphthalene-d8	178912	8.116				
15067-26-2	Acenaphthene-d10	102980	9.869				
1517-22-2	Phenanthrene-d10	183299	11.357				
1719-03-5	Chrysene-d12	105375	13.998				
1520-96-3	Perylene-d12	98786	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	7.3	J			3.898	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2	A			5.057	
000111-76-2	Ethanol, 2-butoxy-	3.6	J			5.787	

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:	MLS-15-383-398	SDG No.:	BF080624
Lab Sample ID:	P3459-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138821.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	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	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	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:	MLS-15-383-398	SDG No.:	BF080624
Lab Sample ID:	P3459-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138821.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	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:	MLS-15-383-398	SDG No.:	BF080624
Lab Sample ID:	P3459-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138821.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	78.87		10-139		53	SPK: -150
13127-88-3	Phenol-d6	49.594		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	86.872		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.422		52-132		88	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:	MLS-15-383-398	SDG No.:	BF080624
Lab Sample ID:	P3459-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF138821.D	1	8/5/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.693		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	119.877		36-145		120	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45596	6.84				
1146-65-2	Naphthalene-d8	188123	8.116				
15067-26-2	Acenaphthene-d10	106190	9.869				
1517-22-2	Phenanthrene-d10	187948	11.357				
1719-03-5	Chrysene-d12	88684	13.998				
1520-96-3	Perylene-d12	89276	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.128	
000108-88-3	Toluene	44.3	J			3.904	
000111-76-2	Ethanol, 2-butoxy-	220	J			5.822	
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	27.6	J			8.339	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	26.3	J			8.363	
017043-02-6	1,6,11,16-Tetraoxacycloeicosane	5.3	J			12.445	
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	5.8	J			14.074	
000295-63-6	1,6,11-Trioxacyclopentadecane	6	J			15.639	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01RE	SDG No.:	BF080624
Lab Sample ID:	P3396-08RE	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
BF138822.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01RE	SDG No.:	BF080624
Lab Sample ID:	P3396-08RE	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
BF138822.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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	3.1	J	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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01RE	SDG No.:	BF080624
Lab Sample ID:	P3396-08RE	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
BF138822.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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	84.185		10-139		56	SPK: -150
13127-88-3	Phenol-d6	55.882		10-134		37	SPK: -150
4165-60-0	Nitrobenzene-d5	101.806		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	99.869		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01RE	SDG No.:	BF080624
Lab Sample ID:	P3396-08RE	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
BF138822.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.779		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	134.01		36-145		134	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37130	6.839				
1146-65-2	Naphthalene-d8	151229	8.116				
15067-26-2	Acenaphthene-d10	87440	9.869				
1517-22-2	Phenanthrene-d10	158685	11.357				
1719-03-5	Chrysene-d12	82743	13.998				
1520-96-3	Perylene-d12	79437	15.456				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02RE	SDG No.:	BF080624
Lab Sample ID:	P3396-12RE	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
BF138823.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02RE	SDG No.:	BF080624
Lab Sample ID:	P3396-12RE	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
BF138823.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02RE	SDG No.:	BF080624
Lab Sample ID:	P3396-12RE	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
BF138823.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

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	88.841		10-139		59	SPK: -150
13127-88-3	Phenol-d6	60.171		10-134		40	SPK: -150
4165-60-0	Nitrobenzene-d5	103.911		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	104.394		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02RE	SDG No.:	BF080624
Lab Sample ID:	P3396-12RE	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
BF138823.D	1	7/31/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.408		32-145		116	SPK: -150
1718-51-0	Terphenyl-d14	147.677	*	36-145		148	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38546	6.84				
1146-65-2	Naphthalene-d8	155780	8.116				
15067-26-2	Acenaphthene-d10	89109	9.869				
1517-22-2	Phenanthrene-d10	158955	11.357				
1719-03-5	Chrysene-d12	75013	13.998				
1520-96-3	Perylene-d12	74776	15.457				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF080624
Lab Sample ID:	P3352-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138824.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	610		10.3	80	100	ug/L
110-86-1	Pyridine	400		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	350		16	40	50	ug/L
108-95-2	Phenol	560		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	560		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	610		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	570		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	540		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	550		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	650		16	80	100	ug/L
95-48-7	2-Methylphenol	600		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	510		13.5	40	50	ug/L
98-86-2	Acetophenone	580		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	630		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	620		14.8	25	25	ug/L
67-72-1	Hexachloroethane	560		10.1	40	50	ug/L
98-95-3	Nitrobenzene	560		12.7	40	50	ug/L
78-59-1	Isophorone	610		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	620		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	690		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	590		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	640		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	580		11	40	50	ug/L
65-85-0	Benzoic acid	470		54.7	80	100	ug/L
91-20-3	Naphthalene	590		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	240		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	570		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF080624
Lab Sample ID:	P3352-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138824.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	650		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	620		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1500	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	610		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	600		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	560		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	580		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	610		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	640		9.3	40	50	ug/L
208-96-8	Acenaphthylene	650		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	620		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	390		13.7	40	50	ug/L
83-32-9	Acenaphthene	590		8.1	40	50	ug/L
Total PAH	Total PAH	9870		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	610		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	640		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260		27.6	40	100	ug/L
84-66-2	Diethylphthalate	650		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	620		9.8	40	50	ug/L
86-73-7	Fluorene	630		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	600		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	630		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	640		8.9	40	50	ug/L
103-33-3	Azobenzene	610		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	620		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	620		11.4	40	50	ug/L
1912-24-9	Atrazine	680		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF080624
Lab Sample ID:	P3352-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138824.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	630		8.9	40	50	ug/L
120-12-7	Anthracene	650		10.7	40	50	ug/L
86-74-8	Carbazole	620		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	720		14.7	40	50	ug/L
206-44-0	Fluoranthene	600		12.9	40	50	ug/L
92-87-5	Benzidine	75.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	610		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	710		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	540		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	650		9.4	40	50	ug/L
218-01-9	Chrysene	640		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	640		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	570		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	630		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	670		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	680		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	580		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	570		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	500		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	440		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	680		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	580		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.189		10-139		99	SPK: -150
13127-88-3	Phenol-d6	143.223		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	107.414		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	107.637		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF080624
Lab Sample ID:	P3352-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138824.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	173.079		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	125.53		36-145		126	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44102	6.84				
1146-65-2	Naphthalene-d8	177312	8.122				
15067-26-2	Acenaphthene-d10	101403	9.875				
1517-22-2	Phenanthrene-d10	167284	11.363				
1719-03-5	Chrysene-d12	82642	14.004				
1520-96-3	Perylene-d12	88651	15.463				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF080624
Lab Sample ID:	P3352-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138825.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	330		16	40	50	ug/L
108-95-2	Phenol	490		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	570		16	80	100	ug/L
95-48-7	2-Methylphenol	520		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	550		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	490		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	530		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	550		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	560		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	510		11	40	50	ug/L
65-85-0	Benzoic acid	410		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	250		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF080624
Lab Sample ID:	P3352-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138825.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	540		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	530		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	490		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	570		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	540		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	360		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	8500		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	850	E	20	80	100	ug/L
132-64-9	Dibenzofuran	540		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	560		15.2	40	50	ug/L
84-66-2	Diethylphthalate	570		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550		9.8	40	50	ug/L
86-73-7	Fluorene	550		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	510		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	560		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	530		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	560		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	550		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF080624
Lab Sample ID:	P3352-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138825.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	560		8.9	40	50	ug/L
120-12-7	Anthracene	580		10.7	40	50	ug/L
86-74-8	Carbazole	540		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	630		14.7	40	50	ug/L
206-44-0	Fluoranthene	530		12.9	40	50	ug/L
92-87-5	Benzidine	75.6	J	40.7	80	100	ug/L
129-00-0	Pyrene	530		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	620		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	500		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	560		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	490		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	540		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	480		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	470		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	480		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	570		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.49		10-139		88	SPK: -150
13127-88-3	Phenol-d6	129.004		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	93.53		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	95.281		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF080624
Lab Sample ID:	P3352-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138825.D	1	7/31/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.315		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	110.99		36-145		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45180	6.839				
1146-65-2	Naphthalene-d8	186018	8.122				
15067-26-2	Acenaphthene-d10	105064	9.874				
1517-22-2	Phenanthrene-d10	172727	11.363				
1719-03-5	Chrysene-d12	86871	14.004				
1520-96-3	Perylene-d12	94985	15.456				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024RE	SDG No.:	BF080624
Lab Sample ID:	P3441-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138826.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.9	U	61.9	83	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.4	U	53.4	83	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.5	U	51.5	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	83	110	ug/Kg
98-86-2	Acetophenone	55.5	U	55.5	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.9	U	50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51.1	51.1	ug/Kg
67-72-1	Hexachloroethane	53	U	53	83	110	ug/Kg
98-95-3	Nitrobenzene	58	U	58	83	110	ug/Kg
78-59-1	Isophorone	54	U	54	83	110	ug/Kg
88-75-5	2-Nitrophenol	60.3	U	60.3	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.8	U	54.8	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	83	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.7	U	52.7	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024RE	SDG No.:	BF080624
Lab Sample ID:	P3441-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138826.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.7	U	52.7	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.6	U	99.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.2	U	47.2	83	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.2	U	53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	60.6	U	60.6	83	110	ug/Kg
131-11-3	Dimethylphthalate	52.2	U	52.2	83	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	56.9	U	56.9	83	110	ug/Kg
83-32-9	Acenaphthene	51.8	U	51.8	83	110	ug/Kg
Total PAH	Total PAH	845.9	U	845.9	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.1	U	108.1	83	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	83	110	ug/Kg
84-66-2	Diethylphthalate	51.1	U	51.1	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	54.6	83	110	ug/Kg
86-73-7	Fluorene	54.6	U	54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	83	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.4	U	50.4	83	110	ug/Kg
118-74-1	Hexachlorobenzene	54.3	U	54.3	83	110	ug/Kg
1912-24-9	Atrazine	58.3	U	58.3	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024RE	SDG No.:	BF080624
Lab Sample ID:	P3441-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138826.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.3	U	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	83	110	ug/Kg
120-12-7	Anthracene	53.9	U	53.9	83	110	ug/Kg
86-74-8	Carbazole	51.3	U	51.3	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	83	110	ug/Kg
206-44-0	Fluoranthene	75.7	J	52.2	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	64.1	J	53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.9	U	62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.5	U	51.5	83	110	ug/Kg
218-01-9	Chrysene	50.7	U	50.7	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.2	U	70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	72.3	J	51.8	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.4	U	59.4	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.9	U	49.9	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.8	U	51.8	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.1	U	51.1	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	70.2	U	70.2	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.292		18-112		54	SPK: -150
13127-88-3	Phenol-d6	77.258		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.485		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	61.34		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024RE	SDG No.:	BF080624
Lab Sample ID:	P3441-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138826.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.933		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	51.574		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43161	6.839				
1146-65-2	Naphthalene-d8	169060	8.122				
15067-26-2	Acenaphthene-d10	81910	9.869				
1517-22-2	Phenanthrene-d10	117967	11.357				
1719-03-5	Chrysene-d12	84666	13.998				
1520-96-3	Perylene-d12	70272	15.456				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3DL	SDG No.:	BF080624
Lab Sample ID:	P3448-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138827.D	25	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500	U	1500	4600	5600	ug/Kg
110-86-1	Pyridine	1400	U	1400	2200	2900	ug/Kg
100-52-7	Benzaldehyde	3100	U	3100	4600	5600	ug/Kg
62-53-3	Aniline	1600	U	1600	2200	2900	ug/Kg
108-95-2	Phenol	1400	U	1400	2200	2900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400	U	1400	2200	2900	ug/Kg
95-57-8	2-Chlorophenol	1400	U	1400	2200	2900	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400	U	1400	2200	2900	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500	U	1500	2200	2900	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500	U	1500	2200	2900	ug/Kg
100-51-6	Benzyl Alcohol	1400	U	1400	4600	5600	ug/Kg
95-48-7	2-Methylphenol	1400	U	1400	2200	2900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500	U	1500	2200	2900	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2200	2900	ug/Kg
65794-96-9	3+4-Methylphenols	1300	U	1300	4600	5600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	680	U	680	1400	1400	ug/Kg
67-72-1	Hexachloroethane	1400	U	1400	2200	2900	ug/Kg
98-95-3	Nitrobenzene	1500	U	1500	2200	2900	ug/Kg
78-59-1	Isophorone	1400	U	1400	2200	2900	ug/Kg
88-75-5	2-Nitrophenol	1600	U	1600	2200	2900	ug/Kg
105-67-9	2,4-Dimethylphenol	1600	U	1600	2200	2900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500	U	1500	2200	2900	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	2200	2900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400	U	1400	2200	2900	ug/Kg
65-85-0	Benzoic acid	4000	U	4000	4600	5600	ug/Kg
91-20-3	Naphthalene	1400	U	1400	2200	2900	ug/Kg
106-47-8	4-Chloroaniline	1400	U	1400	2200	2900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	2200	2900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3DL	SDG No.:	BF080624
Lab Sample ID:	P3448-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138827.D	25	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500	U	1500	4600	5600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	2200	2900	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	2200	2900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	4600	5600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	2200	2900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300	U	1300	2200	2900	ug/Kg
92-52-4	1,1-Biphenyl	1500	U	1500	2200	2900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	2200	2900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	2200	2900	ug/Kg
131-11-3	Dimethylphthalate	1400	U	1400	2200	2900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	2200	2900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	2200	2900	ug/Kg
99-09-2	3-Nitroaniline	1500	U	1500	2200	2900	ug/Kg
83-32-9	Acenaphthene	1400	U	1400	2200	2900	ug/Kg
Total PAH	Total PAH	105400	UD	22500	2200	46400	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	U	4100	4600	5600	ug/Kg
100-02-7	4-Nitrophenol	2000	U	2000	4600	5600	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	2200	2900	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2200	2900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900	U	2900	2200	5800	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	2200	2900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400	U	1400	2200	2900	ug/Kg
86-73-7	Fluorene	1700	JD	1400	2200	2900	ug/Kg
100-01-6	4-Nitroaniline	1800	U	1800	2200	2900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	4600	5600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400	U	1400	2200	2900	ug/Kg
103-33-3	Azobenzene	1300	U	1300	2200	2900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	2200	2900	ug/Kg
118-74-1	Hexachlorobenzene	1400	U	1400	2200	2900	ug/Kg
1912-24-9	Atrazine	1500	U	1500	2200	2900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3DL	SDG No.:	BF080624
Lab Sample ID:	P3448-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138827.D	25	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	U	1300	4600	5600	ug/Kg
85-01-8	Phenanthrene	18200	D	1400	2200	2900	ug/Kg
120-12-7	Anthracene	4300	D	1400	2200	2900	ug/Kg
86-74-8	Carbazole	1400	U	1400	2200	2900	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	2200	2900	ug/Kg
206-44-0	Fluoranthene	22700	D	1400	2200	2900	ug/Kg
92-87-5	Benzidine	2800	U	2800	4600	5600	ug/Kg
129-00-0	Pyrene	13800	D	1400	2200	2900	ug/Kg
85-68-7	Butylbenzylphthalate	1600	U	1600	2200	2900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	4600	5600	ug/Kg
56-55-3	Benzo(a)anthracene	10400	D	1400	2200	2900	ug/Kg
218-01-9	Chrysene	9200	D	1300	2200	2900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	2200	2900	ug/Kg
117-84-0	Di-n-octyl phthalate	1900	U	1900	4600	5600	ug/Kg
205-99-2	Benzo(b)fluoranthene	9700	D	1400	2200	2900	ug/Kg
207-08-9	Benzo(k)fluoranthene	3400	D	1400	2200	2900	ug/Kg
50-32-8	Benzo(a)pyrene	7500	D	1600	2200	2900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	JD	1300	2200	2900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	2200	2900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300	JD	1400	2200	2900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	2200	2900	ug/Kg
123-91-1	1,4-Dioxane	1900	U	1900	2200	2900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300	U	1300	2200	2900	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	2900	2900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.8		18-112		52	SPK: -150
13127-88-3	Phenol-d6	82.275		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	58.025		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	67.1		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3DL	SDG No.:	BF080624
Lab Sample ID:	P3448-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138827.D	25	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.825		10-110		37	SPK: -150
1718-51-0	Terphenyl-d14	54.525		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45268	6.84				
1146-65-2	Naphthalene-d8	183566	8.122				
15067-26-2	Acenaphthene-d10	93866	9.869				
1517-22-2	Phenanthrene-d10	134035	11.357				
1719-03-5	Chrysene-d12	92400	13.998				
1520-96-3	Perylene-d12	88934	15.457				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080624
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138828.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		57.6	180	220	ug/Kg
110-86-1	Pyridine	950		53.1	86.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	770		64.4	86.3	110	ug/Kg
108-95-2	Phenol	1200		55.1	86.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		55.6	86.3	110	ug/Kg
95-57-8	2-Chlorophenol	1200		55.5	86.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		56.2	86.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		57.1	86.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		57.4	86.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1300		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.5	86.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		60.4	86.3	110	ug/Kg
98-86-2	Acetophenone	1200		57.7	86.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		26.8	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	1200		55.1	86.3	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.3	86.3	110	ug/Kg
78-59-1	Isophorone	1200		56.2	86.3	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.8	86.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.9	86.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57	86.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.1	86.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		56.7	86.3	110	ug/Kg
65-85-0	Benzoic acid	840		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		54.9	86.3	110	ug/Kg
106-47-8	4-Chloroaniline	650		54.9	86.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080624
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138828.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		57.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.5	86.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1200		54.8	86.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		47.4	86.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.1	86.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		58	86.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.3	86.3	110	ug/Kg
88-74-4	2-Nitroaniline	1200		63.1	86.3	110	ug/Kg
131-11-3	Dimethylphthalate	1300		54.3	86.3	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.4	86.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.3	86.3	110	ug/Kg
99-09-2	3-Nitroaniline	910		59.2	86.3	110	ug/Kg
83-32-9	Acenaphthene	1200		53.9	86.3	110	ug/Kg
Total PAH	Total PAH	20450		880.3	86.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	77	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.1	86.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		57.2	86.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		112.5	86.3	220	ug/Kg
84-66-2	Diethylphthalate	1300		53.2	86.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		56.8	86.3	110	ug/Kg
86-73-7	Fluorene	1200		56.8	86.3	110	ug/Kg
100-01-6	4-Nitroaniline	1000		71.1	86.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		54.2	86.3	110	ug/Kg
103-33-3	Azobenzene	1200		52.9	86.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		52.4	86.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1300		56.5	86.3	110	ug/Kg
1912-24-9	Atrazine	1500		60.7	86.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080624
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138828.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	1400		55.8	86.3	110	ug/Kg
120-12-7	Anthracene	1300		56.1	86.3	110	ug/Kg
86-74-8	Carbazole	1300		53.3	86.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1500		56	86.3	110	ug/Kg
206-44-0	Fluoranthene	1700		54.3	86.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	1200		55.1	86.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		64.3	86.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1400		53.6	86.3	110	ug/Kg
218-01-9	Chrysene	1400		52.8	86.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		60.4	86.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53.9	86.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		54.9	86.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		61.8	86.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		51.9	86.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		53.9	86.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		53.2	86.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		57.6	86.3	110	ug/Kg
123-91-1	1,4-Dioxane	870		73.1	86.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		49.6	86.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.641		18-112		72	SPK: -150
13127-88-3	Phenol-d6	107.685		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	76.517		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	83.595		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080624
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138828.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.963		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	71.844		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39787	6.84				
1146-65-2	Naphthalene-d8	156467	8.122				
15067-26-2	Acenaphthene-d10	77421	9.875				
1517-22-2	Phenanthrene-d10	112654	11.363				
1719-03-5	Chrysene-d12	83749	14.004				
1520-96-3	Perylene-d12	66140	15.463				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080624
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138829.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		57.7	180	220	ug/Kg
110-86-1	Pyridine	960		53.1	86.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	740		64.4	86.4	110	ug/Kg
108-95-2	Phenol	1200		55.1	86.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		55.6	86.4	110	ug/Kg
95-57-8	2-Chlorophenol	1200		55.5	86.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		56.2	86.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		57.1	86.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		57.5	86.4	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.5	86.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		60.4	86.4	110	ug/Kg
98-86-2	Acetophenone	1200		57.7	86.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		26.8	53.2	53.2	ug/Kg
67-72-1	Hexachloroethane	1200		55.1	86.4	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.3	86.4	110	ug/Kg
78-59-1	Isophorone	1200		56.2	86.4	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.8	86.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.9	86.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57	86.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.2	86.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		56.7	86.4	110	ug/Kg
65-85-0	Benzoic acid	880		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		54.9	86.4	110	ug/Kg
106-47-8	4-Chloroaniline	570		54.9	86.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080624
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138829.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		57.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.5	86.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	1200		54.8	86.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1700		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		47.4	86.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.2	86.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		58.1	86.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	1300		55.3	86.4	110	ug/Kg
88-74-4	2-Nitroaniline	1300		63.1	86.4	110	ug/Kg
131-11-3	Dimethylphthalate	1400		54.3	86.4	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.5	86.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		55.3	86.4	110	ug/Kg
99-09-2	3-Nitroaniline	910		59.3	86.4	110	ug/Kg
83-32-9	Acenaphthene	1200		53.9	86.4	110	ug/Kg
Total PAH	Total PAH	20630		880.4	86.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	77.1	180	220	ug/Kg
132-64-9	Dibenzofuran	1300		56.1	86.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		112.6	86.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		57.3	86.4	110	ug/Kg
84-66-2	Diethylphthalate	1400		53.2	86.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		56.9	86.4	110	ug/Kg
86-73-7	Fluorene	1200		56.8	86.4	110	ug/Kg
100-01-6	4-Nitroaniline	1100		71.1	86.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		54.2	86.4	110	ug/Kg
103-33-3	Azobenzene	1200		52.9	86.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		52.4	86.4	110	ug/Kg
118-74-1	Hexachlorobenzene	1300		56.5	86.4	110	ug/Kg
1912-24-9	Atrazine	1500		60.7	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080624
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138829.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.4	180	220	ug/Kg
85-01-8	Phenanthrene	1400		55.8	86.4	110	ug/Kg
120-12-7	Anthracene	1300		56.1	86.4	110	ug/Kg
86-74-8	Carbazole	1300		53.4	86.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	1500		56	86.4	110	ug/Kg
206-44-0	Fluoranthene	1700		54.3	86.4	110	ug/Kg
92-87-5	Benzidine	120	J	110	180	220	ug/Kg
129-00-0	Pyrene	1200		55.1	86.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		64.3	86.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1400		53.6	86.4	110	ug/Kg
218-01-9	Chrysene	1400		52.8	86.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		60.5	86.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53.9	86.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		54.9	86.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		61.8	86.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		51.9	86.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		53.9	86.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		53.2	86.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		57.7	86.4	110	ug/Kg
123-91-1	1,4-Dioxane	870		73.1	86.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.6	86.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.059		18-112		71	SPK: -150
13127-88-3	Phenol-d6	105.298		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	76.433		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	86.181		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080624
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138829.D	1	7/29/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.149		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	75.011		14-112		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38807	6.839				
1146-65-2	Naphthalene-d8	148712	8.122				
15067-26-2	Acenaphthene-d10	69720	9.874				
1517-22-2	Phenanthrene-d10	106034	11.363				
1719-03-5	Chrysene-d12	78255	14.004				
1520-96-3	Perylene-d12	61368	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:	TOPSOIL	SDG No.:	BF080624
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138830.D	1	8/5/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.9	U	95.9	300	360	ug/Kg
110-86-1	Pyridine	88.2	U	88.2	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.6	U	91.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.4	U	92.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.2	U	92.2	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.4	U	93.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95	U	95	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.7	U	91.7	300	360	ug/Kg
95-48-7	2-Methylphenol	89	U	89	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96	U	96	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.1	U	88.1	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.5	U	44.5	88.3	88.3	ug/Kg
67-72-1	Hexachloroethane	91.7	U	91.7	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.4	U	93.4	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.8	U	94.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.4	U	83.4	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.3	U	94.3	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91.2	U	91.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.2	U	91.2	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	140	190	ug/Kg

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:	TOPSOIL	SDG No.:	BF080624
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138830.D	1	8/5/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.9	U	95.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.6	U	85.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.1	U	91.1	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.9	U	78.9	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.7	U	81.7	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.5	U	96.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92	U	92	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.2	U	90.2	140	190	ug/Kg
208-96-8	Acenaphthylene	95.5	U	95.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.9	U	91.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.5	U	98.5	140	190	ug/Kg
83-32-9	Acenaphthene	89.6	U	89.6	140	190	ug/Kg
Total PAH	Total PAH	1460.8	U	1460.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	93.2	U	93.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	187.1	U	187.1	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.2	U	95.2	140	190	ug/Kg
84-66-2	Diethylphthalate	88.5	U	88.5	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.5	U	94.5	140	190	ug/Kg
86-73-7	Fluorene	94.4	U	94.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.1	U	90.1	140	190	ug/Kg
103-33-3	Azobenzene	87.9	U	87.9	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.1	U	87.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.9	U	93.9	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

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:	TOPSOIL	SDG No.:	BF080624
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138830.D	1	8/5/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.4	U	85.4	300	360	ug/Kg
85-01-8	Phenanthrene	92.8	U	92.8	140	190	ug/Kg
120-12-7	Anthracene	93.2	U	93.2	140	190	ug/Kg
86-74-8	Carbazole	88.7	U	88.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.1	U	93.1	140	190	ug/Kg
206-44-0	Fluoranthene	90.2	U	90.2	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.7	U	91.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	89.1	U	89.1	140	190	ug/Kg
218-01-9	Chrysene	87.8	U	87.8	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.6	U	89.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.2	U	91.2	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.3	U	86.3	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.7	U	89.7	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.5	U	88.5	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.9	U	95.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.5	U	82.5	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.9	U	91.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.988		18-112		51	SPK: -150
13127-88-3	Phenol-d6	70.892		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	52.862		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	60.137		20-109		60	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:	TOPSOIL	SDG No.:	BF080624
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138830.D	1	8/5/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.937		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	51.757		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38173	6.84				
1146-65-2	Naphthalene-d8	140300	8.122				
15067-26-2	Acenaphthene-d10	63152	9.869				
1517-22-2	Phenanthrene-d10	97745	11.357				
1719-03-5	Chrysene-d12	78214	13.998				
1520-96-3	Perylene-d12	60566	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.057	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	170	J			10.839	
024518-48-7	4-(7-Methyloctyl)phenol	220	J			10.875	
	unknown10.904	180	J			10.904	
1000440-34-7	3-ethoxy-4-hydroxybenzonitrile	170	J			10.98	
000120-66-1	Acetamide, N-(2-methylphenyl)-	190	J			11.016	
1000373-45-3	4-(1,1-Dimethylpropyl)phenyl aceta	200	J			11.057	
000057-10-3	n-Hexadecanoic acid	180	J			11.88	
148675-93-8	2-((8Z,11Z)-Heptadeca-8,11-dien-1-	200	J			12.769	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	170	J			12.827	
1000406-04-8	Pentadecafluorooctanoic acid, octa	390	J			13.839	
000593-49-7	Heptacosane	160	J			14.451	
007683-64-9	Supraene	190	J			14.827	
000630-02-4	Octacosane	300	J			15.086	
000630-04-6	Hentriacontane	210	J			15.886	
015600-08-5	Cholestan-3-one	350	J			16.339	
	unknown17.057	160	J			17.057	
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	470	J			17.504	
	unknown17.962	160	J			17.962	

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:	TOPSOIL	SDG No.:	BF080624
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138830.D	1	8/5/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000058-22-0	Testosterone	270	J			18.492	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-BDL	SDG No.:	BF080624
Lab Sample ID:	P3414-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138831.D	5	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-BDL	SDG No.:	BF080624
Lab Sample ID:	P3414-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138831.D	5	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
Total PAH	Total PAH	29790	D	4280	420	8800	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650	U	550	420	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	410	JD	280	420	550	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-BDL	SDG No.:	BF080624
Lab Sample ID:	P3414-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138831.D	5	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	3700	D	270	420	550	ug/Kg
120-12-7	Anthracene	1000	D	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	6700	D	260	420	550	ug/Kg
92-87-5	Benzidine	530	U	530	870	1100	ug/Kg
129-00-0	Pyrene	3800	D	270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	2700	D	260	420	550	ug/Kg
218-01-9	Chrysene	2400	D	260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	D	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	2600	D	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	D	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290	JD	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	D	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.335		18-112		60	SPK: -150
13127-88-3	Phenol-d6	85.17		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	65.265		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	76.045		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-BDL	SDG No.:	BF080624
Lab Sample ID:	P3414-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138831.D	5	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.755		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	65.895		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38015	6.84				
1146-65-2	Naphthalene-d8	135519	8.122				
15067-26-2	Acenaphthene-d10	59237	9.869				
1517-22-2	Phenanthrene-d10	94593	11.357				
1719-03-5	Chrysene-d12	79612	13.998				
1520-96-3	Perylene-d12	62068	15.463				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	BF080624
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138832.D	5	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	880	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	880	1100	ug/Kg
62-53-3	Aniline	320	U	320	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	880	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	880	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	300	U	300	420	550	ug/Kg
78-59-1	Isophorone	280	U	280	420	550	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	420	550	ug/Kg
65-85-0	Benzoic acid	770	U	770	880	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	BF080624
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138832.D	5	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	880	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	880	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	870		260	420	550	ug/Kg
Total PAH	Total PAH	11000		4300	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	790	U	790	880	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	880	1100	ug/Kg
132-64-9	Dibenzofuran	610		280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650	U	550	420	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	1100		280	420	550	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	880	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	420	550	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	420	550	ug/Kg
1912-24-9	Atrazine	300	U	300	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	BF080624
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138832.D	5	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	880	1100	ug/Kg
85-01-8	Phenanthrene	3800		270	420	550	ug/Kg
120-12-7	Anthracene	400	J	280	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	2700		270	420	550	ug/Kg
92-87-5	Benzidine	530	U	530	880	1100	ug/Kg
129-00-0	Pyrene	1000		270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	880	1100	ug/Kg
56-55-3	Benzo(a)anthracene	440	J	260	420	550	ug/Kg
218-01-9	Chrysene	370	J	260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	880	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	320	J	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	300	U	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.445		18-112		63	SPK: -150
13127-88-3	Phenol-d6	92.04		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.34		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	82.565		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	BF080624
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138832.D	5	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.885		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	67.655		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38690	6.84				
1146-65-2	Naphthalene-d8	138438	8.122				
15067-26-2	Acenaphthene-d10	60875	9.869				
1517-22-2	Phenanthrene-d10	96301	11.357				
1719-03-5	Chrysene-d12	83753	13.998				
1520-96-3	Perylene-d12	64163	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	9.963					
000613-12-7	Anthracene, 2-methyl-	400	J			9.963	
000832-64-4	Phenanthrene, 4-methyl-	280	J			11.857	
000203-64-5	Phenanthrene, 4-methyl-	370	J			11.886	
000203-64-5	4H-Cyclopenta[def]phenanthrene	620	J			11.975	
002381-21-7	Pyrene, 1-methyl-	240	J			13.127	

Hit Summary Sheet SW-846

SDG No.: BF080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : VNJ-220								
P3362-02	VNJ-220	Solid	4H-Cyclopenta[def]phenanthrene *	620.000	J			
P3362-02	VNJ-220	Solid	Anthracene, 2-methyl- *	280.000	J			
P3362-02	VNJ-220	Solid	Phenanthrene, 4-methyl- *	370.000	J			
P3362-02	VNJ-220	Solid	Pyrene, 1-methyl- *	240.000	J			
P3362-02	VNJ-220	Solid	unknown9.963 *	400.000	J			
Total Tics :				1,910.00				
P3362-02	VNJ-220	Solid	Acenaphthene	870.000		260	550	ug/Kg
P3362-02	VNJ-220	Solid	Anthracene	400.000	J	280	550	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(a)anthracene	440.000	J	260	550	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(b)fluoranthene	320.000	J	260	550	ug/Kg
P3362-02	VNJ-220	Solid	Chrysene	370.000	J	260	550	ug/Kg
P3362-02	VNJ-220	Solid	Dibenzofuran	610.000		280	550	ug/Kg
P3362-02	VNJ-220	Solid	Fluoranthene	2,700.000		270	550	ug/Kg
P3362-02	VNJ-220	Solid	Fluorene	1,100.000		280	550	ug/Kg
P3362-02	VNJ-220	Solid	Phenanthrene	3,800.000		270	550	ug/Kg
P3362-02	VNJ-220	Solid	Pyrene	1,000.000		270	550	ug/Kg
P3362-02	VNJ-220	Solid	Total PAH	11,000.000		4300	8800	ug/Kg
Total Svoc :				22,610.00				
Total Concentration:				24,520.00				
Client ID : P001-CF04-01RE								
P3396-08RE	P001-CF04-01RE	Water	Dimethylphthalate	3.100	J	0.93	5	ug/L
Total Svoc :				3.10				
Total Concentration:				3.10				
Client ID : PL-02-07312024-BDL								
P3414-03DL	PL-02-07312024-BDL	Solid	Anthracene	1,000.000	D	270	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Benzo(a)anthracene	2,700.000	D	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Benzo(a)pyrene	2,600.000	D	300	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Benzo(b)fluoranthene	3,000.000	D	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Benzo(g,h,i)perylene	1,000.000	D	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Benzo(k)fluoranthene	1,300.000	D	270	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Chrysene	2,400.000	D	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Dibenzo(a,h)anthracene	290.000	JD	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Fluoranthene	6,700.000	D	260	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Fluorene	410.000	JD	280	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Indeno(1,2,3-cd)pyrene	890.000	D	250	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Phenanthrene	3,700.000	D	270	550	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3414-03DL	PL-02-07312024-BDL	Solid	Pyrene	3,800.000	D	270	550	ug/Kg
P3414-03DL	PL-02-07312024-BDL	Solid	Total PAH	29,790.000	D	4280	8800	ug/Kg
Total Svoc :				59,580.00				
Total Concentration:				59,580.00				
Client ID : BU-02-08012024RE								
P3441-01RE	BU-02-08012024RE	Solid	Benzo(b)fluoranthene	72.300	J	51.8	110	ug/Kg
P3441-01RE	BU-02-08012024RE	Solid	Fluoranthene	75.700	J	52.2	110	ug/Kg
P3441-01RE	BU-02-08012024RE	Solid	Pyrene	64.100	J	53	110	ug/Kg
Total Svoc :				212.10				
Total Concentration:				212.10				
Client ID : TP3DL								
P3448-05DL	TP3DL	Solid	Anthracene	4,300.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Benzo(a)anthracene	10,400.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Benzo(a)pyrene	7,500.000	D	1600	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Benzo(b)fluoranthene	9,700.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Benzo(g,h,i)perylene	2,300.000	JD	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Benzo(k)fluoranthene	3,400.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Chrysene	9,200.000	D	1300	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Fluoranthene	22,700.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Fluorene	1,700.000	JD	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Indeno(1,2,3-cd)pyrene	2,200.000	JD	1300	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Phenanthrene	18,200.000	D	1400	2900	ug/Kg
P3448-05DL	TP3DL	Solid	Pyrene	13,800.000	D	1400	2900	ug/Kg
Total Svoc :				105,400.00				
Total Concentration:				105,400.00				
Client ID : EB-70-150								
P3458-02	EB-70-150	Water	1-Hexanol, 2-ethyl-	*	7.000	J		
P3458-02	EB-70-150	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	4.700	J		
P3458-02	EB-70-150	Water	unknown15.192	*	2.600	J		
Total Tics :				14.30				
P3458-02	EB-70-150	Water	Acetophenone	2.700	J	1.1	5.2	ug/L
Total Svoc :				2.70				
Total Concentration:				17.00				
Client ID : MLS-15-224-239								
P3458-03	MLS-15-224-239	Water	1,6,11,16,21,26-Hexaoxacyclotria	*	4.300	J		
P3458-03	MLS-15-224-239	Water	1-Propanol, 2-(2-hydroxypropoxy	*	81.500	J		
P3458-03	MLS-15-224-239	Water	2-Propanol, 1-(2-butoxy-1-methyl	*	68.300	J		
P3458-03	MLS-15-224-239	Water	Butane, 2-methoxy-2-methyl-	*	200.000	J		
P3458-03	MLS-15-224-239	Water	Dipropylene glycol (isomer 2)	*	4.400	J		

Hit Summary Sheet SW-846

SDG No.: BF080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3458-03	MLS-15-224-239	Water	Ethanol, 2-butoxy-	*	580.000	J		
P3458-03	MLS-15-224-239	Water	unknown9.969	*	44.600	J		
Total Tics :					983.10			
Total Concentration:					983.10			
Client ID : MLS-15-257-272								
P3458-04	MLS-15-257-272	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	3.000	J		
P3458-04	MLS-15-257-272	Water	1,6,11,16,21,26,31-Heptaoxacyclo	*	3.400	J		
P3458-04	MLS-15-257-272	Water	1,6,11,16,21,26-Hexaoxacyclotria	*	3.200	J		
P3458-04	MLS-15-257-272	Water	1,6,11,16-Tetraoxacycloeicosane	*	4.800	J		
P3458-04	MLS-15-257-272	Water	1-Phenoxypropan-2-ol	*	2.200	J		
P3458-04	MLS-15-257-272	Water	1-Propanol, 2-(2-hydroxypropoxy	*	27.500	J		
P3458-04	MLS-15-257-272	Water	2-Propanol, 1-(2-butoxy-1-methyl	*	26.800	J		
P3458-04	MLS-15-257-272	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J		
P3458-04	MLS-15-257-272	Water	Ethanol, 2-butoxy-	*	190.000	J		
P3458-04	MLS-15-257-272	Water	n-Heptadecanol-1	*	2.500	J		
P3458-04	MLS-15-257-272	Water	unknown9.969	*	64.300	J		
Total Tics :					507.70			
P3458-04	MLS-15-257-272	Water	2-Methylphenol		2.400	J 1.1	5	ug/L
Total Svoc :					2.40			
Total Concentration:					510.10			
Client ID : EB-224-375								
P3459-01	EB-224-375	Water	1-Hexanol, 2-ethyl-	*	6.800	J		
P3459-01	EB-224-375	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.700	A		
P3459-01	EB-224-375	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.100	J		
P3459-01	EB-224-375	Water	Butane, 2-methoxy-2-methyl-	*	190.000	J		
Total Tics :					202.60			
P3459-01	EB-224-375	Water	Acetophenone		2.800	J 1.1	5.1	ug/L
Total Svoc :					2.80			
Total Concentration:					205.40			
Client ID : MLS-15-360-375								
P3459-02	MLS-15-360-375	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.000	A		
P3459-02	MLS-15-360-375	Water	Ethanol, 2-butoxy-	*	3.600	J		
P3459-02	MLS-15-360-375	Water	Toluene	*	7.300	J		
Total Tics :					12.90			
Total Concentration:					12.90			
Client ID : MLS-15-383-398								
P3459-03	MLS-15-383-398	Water	1,6,11,16,21,26-Hexaoxacyclotria	*	5.800	J		
P3459-03	MLS-15-383-398	Water	1,6,11,16-Tetraoxacycloeicosane	*	5.300	J		
P3459-03	MLS-15-383-398	Water	1,6,11-Trioxacyclopentadecane	*	6.000	J		

Hit Summary Sheet SW-846

SDG No.: BF080624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3459-03	MLS-15-383-398	Water	2-Propanol, 1-(2-butoxy-1-methyl *	26.300	J			
P3459-03	MLS-15-383-398	Water	2-Propanol, 1-[1-methyl-2-(2-prop *	27.600	J			
P3459-03	MLS-15-383-398	Water	Butane, 2-methoxy-2-methyl- *	160.000	J			
P3459-03	MLS-15-383-398	Water	Ethanol, 2-butoxy- *	220.000	J			
P3459-03	MLS-15-383-398	Water	Toluene *	44.300	J			
Total Tics :						495.30		
Total Concentration:						495.30		
Client ID : TOPSOIL								
P3464-01	TOPSOIL	Solid	2-((8Z,11Z)-Heptadeca-8,11-dien- *	200.000	J			
P3464-01	TOPSOIL	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P3464-01	TOPSOIL	Solid	3-ethoxy-4-hydroxybenzonitrile *	170.000	J			
P3464-01	TOPSOIL	Solid	4-(1,1-Dimethylpropyl)phenyl ace *	200.000	J			
P3464-01	TOPSOIL	Solid	4-(7-Methyloctyl)phenol *	220.000	J			
P3464-01	TOPSOIL	Solid	Acetamide, N-(2-methylphenyl)- *	190.000	J			
P3464-01	TOPSOIL	Solid	Cholest-5-ene, 3-ethoxy-, (3.beta. *	470.000	J			
P3464-01	TOPSOIL	Solid	Cholestan-3-one *	350.000	J			
P3464-01	TOPSOIL	Solid	Hentriacontane *	210.000	J			
P3464-01	TOPSOIL	Solid	Heptacosane *	160.000	J			
P3464-01	TOPSOIL	Solid	n-Hexadecanoic acid *	180.000	J			
P3464-01	TOPSOIL	Solid	Octacosane *	300.000	J			
P3464-01	TOPSOIL	Solid	Pentadecafluorooctanoic acid, oct: *	390.000	J			
P3464-01	TOPSOIL	Solid	Phenol, 4,4-(1-methylethylidene)t *	170.000	J			
P3464-01	TOPSOIL	Solid	Phenol, 4-(1,1,3,3-tetramethylbuty *	170.000	J			
P3464-01	TOPSOIL	Solid	Supraene *	190.000	J			
P3464-01	TOPSOIL	Solid	Testosterone *	270.000	J			
P3464-01	TOPSOIL	Solid	unknown10.904 *	180.000	J			
P3464-01	TOPSOIL	Solid	unknown17.057 *	160.000	J			
P3464-01	TOPSOIL	Solid	unknown17.962 *	160.000	J			
Total Tics :						4,530.00		
Total Concentration:						4,530.00		



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



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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.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 13:19

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	PB162267TB	51259	6.84	214070	8.12	124665	9.88
02	PB162473BS	50899	6.85	212590	8.13	122030	9.88
03	PB162362TB	49812	6.84	208464	8.12	123985	9.88
04	PB162384BS	51692	6.84	218643	8.13	120829	9.88
05	PB162320BS	51264	6.84	218712	8.13	122436	9.88
06	PB162473BL	49996	6.84	216402	8.12	126625	9.88
07	TP1MS	37876	6.84	151632	8.12	84109	9.88
08	TP1MSD	39271	6.84	158963	8.12	88504	9.88
09	EB-70-150	38948	6.84	162077	8.12	90528	9.87
10	MLS-15-224-239	44109	6.84	176574	8.12	99622	9.87
11	MLS-15-257-272	43450	6.84	178765	8.12	99432	9.88
12	EB-224-375	43716	6.84	178291	8.12	101714	9.87
13	MLS-15-360-375	43829	6.84	178912	8.12	102980	9.87
14	MLS-15-383-398	45596	6.84	188123	8.12	106190	9.87
15	P001-CF04-01RE	37130	6.84	151229	8.12	87440	9.87
16	P001-CF05-02RE	38546	6.84	155780	8.12	89109	9.87
17	SOIL-COMPMS	44102	6.84	177312	8.12	101403	9.88
18	SOIL-COMPMSD	45180	6.84	186018	8.12	105064	9.87
19	BU-02-08012024RE	43161	6.84	169060	8.12	81910	9.87
20	TP3DL	45268	6.84	183566	8.12	93866	9.87
21	WC-10-Full Waste ClassMS	39787	6.84	156467	8.12	77421	9.88
22	WC-10-Full Waste ClassMSD	38807	6.84	148712	8.12	69720 *	9.87
23	TOPSOIL	38173	6.84	140300 *	8.12	63152 *	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 04:11

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.						
24 PL-02-07312024-BDL	38015	6.84	135519 *	8.12	59237 *	9.87
25 VNJ-220	38690	6.84	138438 *	8.12	60875 *	9.87

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.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138805.D Time Analyzed: 13:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	51329	6.845	209134	8.13	114476	9.88
UPPER LIMIT	102658	7.345	418268	8.628	228952	10.38
LOWER LIMIT	25664.5	6.345	104567	7.628	57238	9.38
EPA SAMPLE NO.						
01 PB162267TB	51259	6.84	214070	8.12	124665	9.88
02 PB162473BS	50899	6.85	212590	8.13	122030	9.88
03 PB162362TB	49812	6.84	208464	8.12	123985	9.88
04 PB162384BS	51692	6.84	218643	8.13	120829	9.88
05 PB162320BS	51264	6.84	218712	8.13	122436	9.88

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.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138812.D

Time Analyzed: 18:29

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	53816	6.845	220255	8.13	122182	9.88
	UPPER LIMIT	107632	7.345	440510	8.628	244364	10.38
	LOWER LIMIT	26908	6.345	110127.5	7.628	61091	9.38
	EPA SAMPLE NO.						
01	PB162473BL	49996	6.84	216402	8.12	126625	9.88
02	TP1MS	37876	6.84	151632	8.12	84109	9.88
03	TP1MSD	39271	6.84	158963	8.12	88504	9.88
04	EB-70-150	38948	6.84	162077	8.12	90528	9.87
05	MLS-15-224-239	44109	6.84	176574	8.12	99622	9.87
06	MLS-15-257-272	43450	6.84	178765	8.12	99432	9.88
07	EB-224-375	43716	6.84	178291	8.12	101714	9.87
08	MLS-15-360-375	43829	6.84	178912	8.12	102980	9.87
09	MLS-15-383-398	45596	6.84	188123	8.12	106190	9.87
10	P001-CF04-01RE	37130	6.84	151229	8.12	87440	9.87
11	P001-CF05-02RE	38546	6.84	155780	8.12	89109	9.87
12	SOIL-COMPMS	44102	6.84	177312	8.12	101403	9.88
13	SOIL-COMPMSD	45180	6.84	186018	8.12	105064	9.87
14	BU-02-08012024RE	43161	6.84	169060	8.12	81910	9.87
15	TP3DL	45268	6.84	183566	8.12	93866	9.87
16	WC-10-Full Waste ClassMS	39787	6.84	156467	8.12	77421	9.88
17	WC-10-Full Waste ClassMSD	38807	6.84	148712	8.12	69720	9.87
18	TOPSOIL	38173	6.84	140300	8.12	63152	9.87
19	PL-02-07312024-BDL	38015	6.84	135519	8.12	59237 *	9.87
20	VNJ-220	38690	6.84	138438	8.12	60875 *	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138812.D Time Analyzed: 04:42

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	53816	6.845	220255	8.13	122182	9.88
UPPER LIMIT	107632	7.345	440510	8.628	244364	10.38
LOWER LIMIT	26908	6.345	110127.5	7.628	61091	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.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 13:19

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	PB162267TB	235815	11.36	158113	14.00	106451	15.46
02	PB162473BS	208053	11.37	105962	14.00	92958	15.46
03	PB162362TB	231258	11.36	151398	14.00	102941	15.46
04	PB162384BS	214358	11.37	106576	14.00	95791	15.46
05	PB162320BS	214350	11.37	103075	14.00	95989	15.46
06	PB162473BL	244189	11.36	160053	14.00	110504	15.46
07	TP1MS	139749	11.36	71730	14.00	71699 *	15.46
08	TP1MSD	148426	11.36	72032	14.00	62804 *	15.46
09	EB-70-150	162333	11.36	83404	14.00	90601	15.46
10	MLS-15-224-239	177871	11.36	81862	14.00	87609	15.46
11	MLS-15-257-272	181229	11.36	82372	14.00	90449	15.46
12	EB-224-375	183102	11.36	87474	14.00	89550	15.46
13	MLS-15-360-375	183299	11.36	105375	14.00	98786	15.46
14	MLS-15-383-398	187948	11.36	88684	14.00	89276	15.46
15	P001-CF04-01RE	158685	11.36	82743	14.00	79437	15.46
16	P001-CF05-02RE	158955	11.36	75013	14.00	74776 *	15.46
17	SOIL-COMPMS	167284	11.36	82642	14.00	88651	15.46
18	SOIL-COMPMSD	172727	11.36	86871	14.00	94985	15.46
19	BU-02-08012024RE	117967	11.36	84666	14.00	70272 *	15.46
20	TP3DL	134035	11.36	92400	14.00	88934	15.46
21	WC-10-Full Waste ClassMS	112654 *	11.36	83749	14.00	66140 *	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 03:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
EPA SAMPLE NO.						
22 WC-10-Full Waste ClassMSD	106034 *	11.36	78255	14.00	61368 *	15.46
23 TOPSOIL	97745 *	11.36	78214	14.00	60566 *	15.46
24 PL-02-07312024-BDL	94593 *	11.36	79612	14.00	62068 *	15.46
25 VNJ-220	96301 *	11.36	83753	14.00	64163 *	15.46

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138805.D Time Analyzed: 13:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	195342	11.363	93658	14.004	96095	15.463
UPPER LIMIT	390684	11.863	187316	14.504	192190	15.963
LOWER LIMIT	97671	10.863	46829	13.504	48047.5	14.963
EPA SAMPLE NO.						
01 PB162267TB	235815	11.36	158113	14.00	106451	15.46
02 PB162473BS	208053	11.37	105962	14.00	92958	15.46
03 PB162362TB	231258	11.36	151398	14.00	102941	15.46
04 PB162384BS	214358	11.37	106576	14.00	95791	15.46
05 PB162320BS	214350	11.37	103075	14.00	95989	15.46

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138812.D Time Analyzed: 18:29

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	210634	11.363	100999	14.004	96666	15.462
	UPPER LIMIT	421268	11.863	201998	14.504	193332	15.962
	LOWER LIMIT	105317	10.863	50499.5	13.504	48333	14.962
	EPA SAMPLE NO.						
01	PB162473BL	244189	11.36	160053	14.00	110504	15.46
02	TP1MS	139749	11.36	71730	14.00	71699	15.46
03	TP1MSD	148426	11.36	72032	14.00	62804	15.46
04	EB-70-150	162333	11.36	83404	14.00	90601	15.46
05	MLS-15-224-239	177871	11.36	81862	14.00	87609	15.46
06	MLS-15-257-272	181229	11.36	82372	14.00	90449	15.46
07	EB-224-375	183102	11.36	87474	14.00	89550	15.46
08	MLS-15-360-375	183299	11.36	105375	14.00	98786	15.46
09	MLS-15-383-398	187948	11.36	88684	14.00	89276	15.46
10	P001-CF04-01RE	158685	11.36	82743	14.00	79437	15.46
11	P001-CF05-02RE	158955	11.36	75013	14.00	74776	15.46
12	SOIL-COMPMS	167284	11.36	82642	14.00	88651	15.46
13	SOIL-COMPMSD	172727	11.36	86871	14.00	94985	15.46
14	BU-02-08012024RE	117967	11.36	84666	14.00	70272	15.46
15	TP3DL	134035	11.36	92400	14.00	88934	15.46
16	WC-10-Full Waste ClassMS	112654	11.36	83749	14.00	66140	15.46
17	WC-10-Full Waste ClassMSD	106034	11.36	78255	14.00	61368	15.46
18	TOPSOIL	97745 *	11.36	78214	14.00	60566	15.46
19	PL-02-07312024-BDL	94593 *	11.36	79612	14.00	62068	15.46
20	VNJ-220	96301 *	11.36	83753	14.00	64163	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080624 SAS No.: BF080624 SDG NO.: BF080624

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138812.D Time Analyzed: 04:42

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	210634	11.363	100999	14.004	96666	15.462
UPPER LIMIT	421268	11.863	201998	14.504	193332	15.962
LOWER LIMIT	105317	10.863	50499.5	13.504	48333	14.962
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162320BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	1500	ug/Kg	88				10	147		
	Aniline	1700	1100	ug/Kg	65				38	100		
	Phenol	1700	1600	ug/Kg	94				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102		
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99		
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100		
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116		
	2-Methylphenol	1700	1600	ug/Kg	94				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1400	ug/Kg	82				55	104		
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111		
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95		
	Hexachloroethane	1700	1500	ug/Kg	88				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1400	ug/Kg	82				10	140		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	730	ug/Kg	43				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104		
	Hexachlorocyclopentadiene	3300	3900	ug/Kg	118				45	134		
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102		
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
	3-Nitroaniline	1700	990	ug/Kg	58				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	25500	ug/Kg	94				57	104		
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162320BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3300	ug/Kg	97				60	106	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				67	113	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	530	ug/Kg	16				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1300	ug/Kg	76				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162384BS	n-Nitrosodimethylamine	50	46.9	ug/L	94				55	108	
	Pyridine	50	33.3	ug/L	67				29	97	
	Benzaldehyde	50	44.5	ug/L	89				15	121	
	Aniline	50	33.3	ug/L	67				10	130	
	Phenol	50	46.4	ug/L	93				66	118	
	bis(2-Chloroethyl)ether	50	44.2	ug/L	88				62	103	
	2-Chlorophenol	50	49.3	ug/L	99				70	117	
	1,2-Dichlorobenzene	50	46.5	ug/L	93				72	102	
	1,3-Dichlorobenzene	50	44	ug/L	88				71	103	
	1,4-Dichlorobenzene	50	45.4	ug/L	91				76	103	
	Benzyl Alcohol	50	49.7	ug/L	99		*		36	93	
	2-Methylphenol	50	47.5	ug/L	95				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.8	ug/L	82				52	103	
	Acetophenone	50	43.3	ug/L	87				60	104	
	3+4-Methylphenols	50	49.5	ug/L	99				67	106	
	N-Nitroso-di-n-propylamine	50	48.7	ug/L	97				57	107	
	Hexachloroethane	50	44.4	ug/L	89				76	118	
	Nitrobenzene	50	42.5	ug/L	85				58	106	
	Isophorone	50	44.4	ug/L	89				61	102	
	2-Nitrophenol	50	46.6	ug/L	93				70	115	
	2,4-Dimethylphenol	50	50.1	ug/L	100				67	130	
	bis(2-Chloroethoxy)methane	50	43.6	ug/L	87				58	109	
	2,4-Dichlorophenol	50	46.6	ug/L	93				66	115	
	1,2,4-Trichlorobenzene	50	44.3	ug/L	89				41	115	
	Benzoic acid	50	41.6	ug/L	83				10	125	
	Naphthalene	50	44.4	ug/L	89				64	107	
	4-Chloroaniline	50	22.5	ug/L	45				10	85	
	Hexachlorobutadiene	50	43.7	ug/L	87				69	101	
	Caprolactam	50	44.8	ug/L	90				58	128	
	4-Chloro-3-methylphenol	50	47.6	ug/L	95				65	114	
	2-Methylnaphthalene	50	46.5	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	47.3	ug/L	95				61	110	
	2,4,5-Trichlorophenol	50	46.6	ug/L	93				70	106	
	1,1-Biphenyl	50	42.5	ug/L	85				72	98	
	2-Chloronaphthalene	50	44.9	ug/L	90				59	106	
	2-Nitroaniline	50	46.3	ug/L	93				58	107	
	Dimethylphthalate	50	49.7	ug/L	99				64	103	
	Acenaphthylene	50	49.8	ug/L	100				65	108	
	2,6-Dinitrotoluene	50	46.6	ug/L	93				64	110	
	3-Nitroaniline	50	29.6	ug/L	59				28	100	
	Acenaphthene	50	44.8	ug/L	90				59	113	
	Total PAH	800	766	ug/L	96				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162384BS	4-Nitrophenol	100	89.2	ug/L	89				68	116	
	Dibenzofuran	50	47.6	ug/L	95				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	96.6	ug/L	97				60	115	
	2,4-Dinitrotoluene	50	50	ug/L	100				60	115	
	Diethylphthalate	50	51.3	ug/L	103				63	105	
	4-Chlorophenyl-phenylether	50	48.7	ug/L	97				61	104	
	Fluorene	50	48.8	ug/L	98				64	107	
	4-Nitroaniline	50	45.2	ug/L	90				69	112	
	4,6-Dinitro-2-methylphenol	50	48.8	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	46.8	ug/L	94				61	109	
	Azobenzene	50	46.9	ug/L	94				59	106	
	4-Bromophenyl-phenylether	50	46.1	ug/L	92				73	103	
	Hexachlorobenzene	50	46.7	ug/L	93				73	106	
	Atrazine	50	54.3	ug/L	109				76	120	
	Pentachlorophenol	100	83.7	ug/L	84				47	114	
	Phenanthrene	50	47	ug/L	94				62	109	
	Anthracene	50	48.6	ug/L	97				65	110	
	Carbazole	50	47	ug/L	94				62	106	
	Di-n-butylphthalate	50	54.4	ug/L	109		*		64	106	
	Fluoranthene	50	48.1	ug/L	96				64	110	
	Benzidine	100	14.1	ug/L	14				10	94	
	Pyrene	50	49.2	ug/L	98				71	103	
	Butylbenzylphthalate	50	52.3	ug/L	105				61	105	
	3,3-Dichlorobenzidine	50	33.9	ug/L	68				43	108	
	Benzo(a)anthracene	50	46.6	ug/L	93				62	107	
	Chrysene	50	48.5	ug/L	97				61	108	
	bis(2-Ethylhexyl)phthalate	50	41.8	ug/L	84				59	110	
	Di-n-octyl phthalate	50	38.1	ug/L	76				67	126	
	Benzo(b)fluoranthene	50	46.8	ug/L	94				77	113	
	Benzo(k)fluoranthene	50	55.2	ug/L	110				64	113	
	Benzo(a)pyrene	50	50.9	ug/L	102				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.6	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.3	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	42.4	ug/L	85				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.4	ug/L	87				72	101	
	1,4-Dioxane	50	31.6	ug/L	63				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.1	ug/L	104				63	116	
	1-Methylnaphthalene	50	43.9	ug/L	88				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB162473BS	n-Nitrosodimethylamine	50	47.9	ug/L	96					55	108	
	Pyridine	50	34.4	ug/L	69					29	97	
	Benzaldehyde	50	45.2	ug/L	90					15	121	
	Aniline	50	34.1	ug/L	68					10	130	
	Phenol	50	47.6	ug/L	95					66	118	
	bis(2-Chloroethyl)ether	50	44	ug/L	88					62	103	
	2-Chlorophenol	50	49.2	ug/L	98					70	117	
	1,2-Dichlorobenzene	50	45.7	ug/L	91					72	102	
	1,3-Dichlorobenzene	50	44.5	ug/L	89					71	103	
	1,4-Dichlorobenzene	50	45.6	ug/L	91					76	103	
	Benzyl Alcohol	50	50.5	ug/L	101		*			36	93	
	2-Methylphenol	50	48.2	ug/L	96					69	109	
	2,2-oxybis(1-Chloropropane)	50	40.8	ug/L	82					52	103	
	Acetophenone	50	43.4	ug/L	87					60	104	
	3+4-Methylphenols	50	49.8	ug/L	100					67	106	
	N-Nitroso-di-n-propylamine	50	48.1	ug/L	96					57	107	
	Hexachloroethane	50	45.1	ug/L	90					76	118	
	Nitrobenzene	50	42.5	ug/L	85					58	106	
	Isophorone	50	45.7	ug/L	91					61	102	
	2-Nitrophenol	50	48.4	ug/L	97					70	115	
	2,4-Dimethylphenol	50	51.1	ug/L	102					67	130	
	bis(2-Chloroethoxy)methane	50	44.9	ug/L	90					58	109	
	2,4-Dichlorophenol	50	48.6	ug/L	97					66	115	
	1,2,4-Trichlorobenzene	50	44.6	ug/L	89					41	115	
	Benzoic acid	50	41.3	ug/L	83					10	125	
	Naphthalene	50	45.1	ug/L	90					64	107	
	4-Chloroaniline	50	28.3	ug/L	57					10	85	
	Hexachlorobutadiene	50	44.2	ug/L	88					69	101	
	Caprolactam	50	46.3	ug/L	93					58	128	
	4-Chloro-3-methylphenol	50	48.7	ug/L	97					65	114	
	2-Methylnaphthalene	50	46.8	ug/L	94					64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110					36	160	
	2,4,6-Trichlorophenol	50	46.3	ug/L	93					61	110	
	2,4,5-Trichlorophenol	50	44.8	ug/L	90					70	106	
	1,1-Biphenyl	50	41.4	ug/L	83					72	98	
	2-Chloronaphthalene	50	44	ug/L	88					59	106	
	2-Nitroaniline	50	45.1	ug/L	90					58	107	
	Dimethylphthalate	50	48	ug/L	96					64	103	
	Acenaphthylene	50	48.6	ug/L	97					65	108	
	2,6-Dinitrotoluene	50	46.5	ug/L	93					64	110	
	3-Nitroaniline	50	30.3	ug/L	61					28	100	
	Acenaphthene	50	44.2	ug/L	88					59	113	
	Total PAH	800	772	ug/L	97					59	113	
	2,4-Dinitrophenol	100	100	ug/L	100					64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162473BS	4-Nitrophenol	100	87.5	ug/L	88				68	116	
	Dibenzofuran	50	46.4	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	49	ug/L	98				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	95.5	ug/L	96				60	115	
	Diethylphthalate	50	49.8	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	47.6	ug/L	95				61	104	
	Fluorene	50	47.8	ug/L	96				64	107	
	4-Nitroaniline	50	45.2	ug/L	90				69	112	
	4,6-Dinitro-2-methylphenol	50	48.9	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	47.5	ug/L	95				61	109	
	Azobenzene	50	45.5	ug/L	91				59	106	
	4-Bromophenyl-phenylether	50	46.6	ug/L	93				73	103	
	Hexachlorobenzene	50	46.8	ug/L	94				73	106	
	Atrazine	50	55.6	ug/L	111				76	120	
	Pentachlorophenol	100	86	ug/L	86				47	114	
	Phenanthrene	50	48.1	ug/L	96				62	109	
	Anthracene	50	49.2	ug/L	98				65	110	
	Carbazole	50	47.9	ug/L	96				62	106	
	Di-n-butylphthalate	50	55.8	ug/L	112		*		64	106	
	Fluoranthene	50	48.7	ug/L	97				64	110	
	Benzidine	100	13.3	ug/L	13				10	94	
	Pyrene	50	49.1	ug/L	98				71	103	
	Butylbenzylphthalate	50	51.1	ug/L	102				61	105	
	3,3-Dichlorobenzidine	50	34.1	ug/L	68				43	108	
	Benzo(a)anthracene	50	46.2	ug/L	92				62	107	
	Chrysene	50	48.4	ug/L	97				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.5	ug/L	85				59	110	
	Di-n-octyl phthalate	50	38.1	ug/L	76				67	126	
	Benzo(b)fluoranthene	50	47.5	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	55.2	ug/L	110				64	113	
	Benzo(a)pyrene	50	52.9	ug/L	106				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.8	ug/L	98				72	105	
	Dibenz(a,h)anthracene	50	48.5	ug/L	97				78	115	
	Benzo(g,h,i)perylene	50	43.7	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84				72	101	
	1,4-Dioxane	50	30.9	ug/L	62				38	125	
	2,3,4,6-Tetrachlorophenol	50	49.3	ug/L	99				63	116	
	1-Methylnaphthalene	50	44.4	ug/L	89				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-220

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138832.D

Lab Sample ID: P3362-02

Instrument ID: BNA_F

Date Extracted: 07/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 04:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-220	P3362-02	BF138832.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162320BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138810.D

Lab Sample ID: PB162320BS

Instrument ID: BNA_F

Date Extracted: 07/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 15:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162320BS	PB162320BS	BF138810.D	08/06/2024
WC-10-Full Waste ClassMS	P3387-05MS	BF138828.D	08/07/2024
WC-10-Full Waste ClassMSD	P3387-05MSD	BF138829.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOIL-COMPMS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138824.D

Lab Sample ID: P3352-02MS

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) water

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 00:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-COMPMS	P3352-02MS	BF138824.D	08/07/2024
SOIL-COMPMSD	P3352-02MSD	BF138825.D	08/07/2024
PB162267TB	PB162267TB	BF138806.D	08/06/2024
PB162362TB	PB162362TB	BF138808.D	08/06/2024
PB162384BS	PB162384BS	BF138809.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162473BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138813.D

Lab Sample ID: PB162473BL

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) water

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 18:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP1MS	P3448-02MS	BF138814.D	08/06/2024
TP1MSD	P3448-02MSD	BF138815.D	08/06/2024
PB162473BS	PB162473BS	BF138807.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TOPSOIL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138830.D

Lab Sample ID: P3464-01

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 03:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TOPSOIL	P3464-01	BF138830.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-70-150

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080624

SAS No.: BF080624 SDG NO.: BF080624

Lab File ID: BF138816.D

Lab Sample ID: P3458-02

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Water

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 20:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-70-150	P3458-02	BF138816.D	08/06/2024
MLS-15-224-239	P3458-03	BF138817.D	08/06/2024
MLS-15-257-272	P3458-04	BF138818.D	08/06/2024
EB-224-375	P3459-01	BF138819.D	08/06/2024
MLS-15-360-375	P3459-02	BF138820.D	08/06/2024
MLS-15-383-398	P3459-03	BF138821.D	08/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3352-02MS		Client Sample ID: SOIL-COMPMS		DataFile: BF138824.D							
n-Nitrosodimethylamine	500		610	ug/L	122				10	130	
Pyridine	500		400	ug/L	80				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		350	ug/L	70				10	130	
Phenol	500		560	ug/L	112				10	130	
bis(2-Chloroethyl)ether	500		560	ug/L	112				29	141	
2-Chlorophenol	500		610	ug/L	122				23	127	
1,2-Dichlorobenzene	500		570	ug/L	114				61	114	
1,3-Dichlorobenzene	500		540	ug/L	108	*			65	106	
1,4-Dichlorobenzene	500		550	ug/L	110				55	125	
Benzyl Alcohol	500		650	ug/L	130	*			31	94	
2-Methylphenol	500		600	ug/L	120				23	132	
2,2-oxybis(1-Chloropropane)	500		510	ug/L	102				36	141	
Acetophenone	500		580	ug/L	116				31	164	
3+4-Methylphenols	500		630	ug/L	126				17	136	
N-Nitroso-di-n-propylamine	500		620	ug/L	124				36	147	
Hexachloroethane	500		560	ug/L	112				35	137	
Nitrobenzene	500		560	ug/L	112				40	134	
Isophorone	500		610	ug/L	122				39	146	
2-Nitrophenol	500		620	ug/L	124				30	148	
2,4-Dimethylphenol	500		690	ug/L	138				17	143	
bis(2-Chloroethoxy)methane	500		590	ug/L	118				39	143	
2,4-Dichlorophenol	500		640	ug/L	128				22	146	
1,2,4-Trichlorobenzene	500		580	ug/L	116	*			66	110	
Benzoic acid	500		470	ug/L	94				10	101	
Naphthalene	500		590	ug/L	118				17	157	
4-Chloroaniline	500		240	ug/L	48				10	95	
Hexachlorobutadiene	500		570	ug/L	114				52	125	
Caprolactam	500		490	ug/L	98				10	130	
4-Chloro-3-methylphenol	500		650	ug/L	130				17	148	
2-Methylnaphthalene	500		620	ug/L	124				38	146	
Hexachlorocyclopentadiene	1000		1500	ug/L	150				20	153	
2,4,6-Trichlorophenol	500		610	ug/L	122				46	139	
2,4,5-Trichlorophenol	500		600	ug/L	120				42	129	
1,1-Biphenyl	500		560	ug/L	112				38	154	
2-Chloronaphthalene	500		580	ug/L	116				41	145	
2-Nitroaniline	500		610	ug/L	122				39	151	
Dimethylphthalate	500		640	ug/L	128				42	147	
Acenaphthylene	500		650	ug/L	130				40	141	
2,6-Dinitrotoluene	500		620	ug/L	124				43	148	
3-Nitroaniline	500		390	ug/L	78				10	111	
Acenaphthene	500		590	ug/L	118				37	146	
Total PAH	8000		9870	ug/L	123				37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		1000	ug/L	100				10	130	
Dibenzofuran	500		610	ug/L	122				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1260	ug/L	126				40	151	
2,4-Dinitrotoluene	500		640	ug/L	128				40	151	
Diethylphthalate	500		650	ug/L	130				41	148	
4-Chlorophenyl-phenylether	500		620	ug/L	124				38	149	
Fluorene	500		630	ug/L	126				39	144	
4-Nitroaniline	500		600	ug/L	120				27	138	
4,6-Dinitro-2-methylphenol	500		630	ug/L	126				32	175	
N-Nitrosodiphenylamine	500		640	ug/L	128				40	150	
Azobenzene	500		610	ug/L	122	*			72	112	
4-Bromophenyl-phenylether	500		620	ug/L	124				42	151	
Hexachlorobenzene	500		620	ug/L	124				60	129	
Atrazine	500		680	ug/L	136				20	162	
Pentachlorophenol	1000		1200	ug/L	120				15	137	
Phenanthrene	500		630	ug/L	126				40	147	
Anthracene	500		650	ug/L	130				41	146	
Carbazole	500		620	ug/L	124				37	154	
Di-n-butylphthalate	500		720	ug/L	144				40	151	
Fluoranthene	500		600	ug/L	120				42	146	
Benzidine	1000		75.1	ug/L	8	*			10	130	
Pyrene	500		610	ug/L	122				41	149	
Butylbenzylphthalate	500		710	ug/L	142				39	155	
3,3-Dichlorobenzidine	500		540	ug/L	108				10	114	
Benzo(a)anthracene	500		650	ug/L	130				41	147	
Chrysene	500		640	ug/L	128				44	144	
bis(2-Ethylhexyl)phthalate	500		640	ug/L	128				33	160	
Di-n-octyl phthalate	500		570	ug/L	114				36	158	
Benzo(b)fluoranthene	500		630	ug/L	126				40	150	
Benzo(k)fluoranthene	500		670	ug/L	134				40	147	
Benzo(a)pyrene	500		680	ug/L	136				42	147	
Indeno(1,2,3-cd)pyrene	500		580	ug/L	116				30	166	
Dibenz(a,h)anthracene	500		570	ug/L	114				23	172	
Benzo(g,h,i)perylene	500		500	ug/L	100				27	167	
1,2,4,5-Tetrachlorobenzene	500		560	ug/L	112	*			89	102	
1,4-Dioxane	500		440	ug/L	88				38	130	
2,3,4,6-Tetrachlorophenol	500		680	ug/L	136	*			91	111	
1-Methylnaphthalene	500		580	ug/L	116				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3352-02MSD		Client Sample ID: SOIL-COMPMSD		DataFile: BF138825.D							
n-Nitrosodimethylamine	500		540	ug/L	108		12		10	130	20
Pyridine	500		360	ug/L	72		11		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		330	ug/L	66		6		10	130	20
Phenol	500		490	ug/L	98		13		10	130	20
bis(2-Chloroethyl)ether	500		500	ug/L	100		11		29	141	20
2-Chlorophenol	500		530	ug/L	106		14		23	127	20
1,2-Dichlorobenzene	500		500	ug/L	100		13		61	114	20
1,3-Dichlorobenzene	500		490	ug/L	98		10		65	106	20
1,4-Dichlorobenzene	500		490	ug/L	98		12		55	125	20
Benzyl Alcohol	500		570	ug/L	114	*	13		31	94	20
2-Methylphenol	500		520	ug/L	104		14		23	132	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		10		36	141	20
Acetophenone	500		500	ug/L	100		15		31	164	20
3+4-Methylphenols	500		550	ug/L	110		14		17	136	20
N-Nitroso-di-n-propylamine	500		540	ug/L	108		14		36	147	20
Hexachloroethane	500		490	ug/L	98		13		35	137	20
Nitrobenzene	500		490	ug/L	98		13		40	134	20
Isophorone	500		530	ug/L	106		14		39	146	20
2-Nitrophenol	500		550	ug/L	110		12		30	148	20
2,4-Dimethylphenol	500		590	ug/L	118		16		17	143	20
bis(2-Chloroethoxy)methane	500		500	ug/L	100		17		39	143	20
2,4-Dichlorophenol	500		560	ug/L	112		13		22	146	20
1,2,4-Trichlorobenzene	500		510	ug/L	102		13		66	110	20
Benzoic acid	500		410	ug/L	82		14		10	101	20
Naphthalene	500		510	ug/L	102		15		17	157	20
4-Chloroaniline	500		250	ug/L	50		4		10	95	20
Hexachlorobutadiene	500		500	ug/L	100		13		52	125	20
Caprolactam	500		440	ug/L	88		11		10	130	20
4-Chloro-3-methylphenol	500		560	ug/L	112		15		17	148	20
2-Methylnaphthalene	500		540	ug/L	108		14		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		14		20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		10		46	139	20
2,4,5-Trichlorophenol	500		530	ug/L	106		12		42	129	20
1,1-Biphenyl	500		490	ug/L	98		13		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		13		41	145	20
2-Nitroaniline	500		540	ug/L	108		12		39	151	20
Dimethylphthalate	500		570	ug/L	114		12		42	147	20
Acenaphthylene	500		570	ug/L	114		13		40	141	20
2,6-Dinitrotoluene	500		540	ug/L	108		14		43	148	20
3-Nitroaniline	500		360	ug/L	72		8		10	111	20
Acenaphthene	500		520	ug/L	104		13		37	146	20
Total PAH	8000		8500	ug/L	106		15		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		9		14	167	20
4-Nitrophenol	1000		850	ug/L	85		16		10	130	20
Dibenzofuran	500		540	ug/L	108		12		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1100	ug/L	110		14		40	151	20
2,4-Dinitrotoluene	500		560	ug/L	112		13		40	151	20
Diethylphthalate	500		570	ug/L	114		13		41	148	20
4-Chlorophenyl-phenylether	500		550	ug/L	110		12		38	149	20
Fluorene	500		550	ug/L	110		14		39	144	20
4-Nitroaniline	500		510	ug/L	102		16		27	138	20
4,6-Dinitro-2-methylphenol	500		560	ug/L	112		12		32	175	20
N-Nitrosodiphenylamine	500		570	ug/L	114		12		40	150	20
Azobenzene	500		530	ug/L	106		14		72	112	20
4-Bromophenyl-phenylether	500		560	ug/L	112		10		42	151	20
Hexachlorobenzene	500		550	ug/L	110		12		60	129	20
Atrazine	500		610	ug/L	122		11		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		18		15	137	20
Phenanthrene	500		560	ug/L	112		12		40	147	20
Anthracene	500		580	ug/L	116		11		41	146	20
Carbazole	500		540	ug/L	108		14		37	154	20
Di-n-butylphthalate	500		630	ug/L	126		13		40	151	20
Fluoranthene	500		530	ug/L	106		12		42	146	20
Benzidine	1000		75.6	ug/L	8	*	0		10	130	20
Pyrene	500		530	ug/L	106		14		41	149	20
Butylbenzylphthalate	500		620	ug/L	124		14		39	155	20
3,3-Dichlorobenzidine	500		500	ug/L	100		8		10	114	20
Benzo(a)anthracene	500		570	ug/L	114		13		41	147	20
Chrysene	500		560	ug/L	112		13		44	144	20
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114		12		33	160	20
Di-n-octyl phthalate	500		490	ug/L	98		15		36	158	20
Benzo(b)fluoranthene	500		540	ug/L	108		15		40	150	20
Benzo(k)fluoranthene	500		560	ug/L	112		18		40	147	20
Benzo(a)pyrene	500		570	ug/L	114		18		42	147	20
Indeno(1,2,3-cd)pyrene	500		480	ug/L	96		19		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		19		23	172	20
Benzo(g,h,i)perylene	500		400	ug/L	80		22	*	27	167	20
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96		15		89	102	20
1,4-Dioxane	500		380	ug/L	76		15		38	130	20
2,3,4,6-Tetrachlorophenol	500		570	ug/L	114	*	18		91	111	20
1-Methylnaphthalene	500		510	ug/L	102		13		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3448-02MS		Client Sample ID: TP1MS		DataFile: BF138814.D							
n-Nitrosodimethylamine	500		550	ug/L	110				10	130	
Pyridine	500		300	ug/L	60				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		200	ug/L	40				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		510	ug/L	102				29	141	
2-Chlorophenol	500		530	ug/L	106				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		440	ug/L	88				55	125	
Benzyl Alcohol	500		550	ug/L	110	*			31	94	
2-Methylphenol	500		530	ug/L	106				23	132	
2,2-oxybis(1-Chloropropane)	500		450	ug/L	90				36	141	
Acetophenone	500		530	ug/L	106				31	164	
3+4-Methylphenols	500		550	ug/L	110				17	136	
N-Nitroso-di-n-propylamine	500		550	ug/L	110				36	147	
Hexachloroethane	500		440	ug/L	88				35	137	
Nitrobenzene	500		500	ug/L	100				40	134	
Isophorone	500		550	ug/L	110				39	146	
2-Nitrophenol	500		550	ug/L	110				30	148	
2,4-Dimethylphenol	500		610	ug/L	122				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		560	ug/L	112				22	146	
1,2,4-Trichlorobenzene	500		500	ug/L	100				66	110	
Benzoic acid	500		360	ug/L	72				10	101	
Naphthalene	500		510	ug/L	102				17	157	
4-Chloroaniline	500		110	ug/L	22				10	95	
Hexachlorobutadiene	500		490	ug/L	98				52	125	
Caprolactam	500		460	ug/L	92				10	130	
4-Chloro-3-methylphenol	500		580	ug/L	116				17	148	
2-Methylnaphthalene	500		560	ug/L	112				38	146	
Hexachlorocyclopentadiene	1000		1400	ug/L	140				20	153	
2,4,6-Trichlorophenol	500		580	ug/L	116				46	139	
2,4,5-Trichlorophenol	500		570	ug/L	114				42	129	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		550	ug/L	110				41	145	
2-Nitroaniline	500		550	ug/L	110				39	151	
Dimethylphthalate	500		610	ug/L	122				42	147	
Acenaphthylene	500		610	ug/L	122				40	141	
2,6-Dinitrotoluene	500		580	ug/L	116				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		550	ug/L	110				37	146	
Total PAH	8000		9460	ug/L	118				37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		880	ug/L	88				10	130	
Dibenzofuran	500		590	ug/L	118				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		610	ug/L	122				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1190	ug/L	119				40	151	
Diethylphthalate	500		630	ug/L	126				41	148	
4-Chlorophenyl-phenylether	500		590	ug/L	118				38	149	
Fluorene	500		590	ug/L	118				39	144	
4-Nitroaniline	500		430	ug/L	86				27	138	
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	
N-Nitrosodiphenylamine	500		500	ug/L	100				40	150	
Azobenzene	500		570	ug/L	114	*			72	112	
4-Bromophenyl-phenylether	500		590	ug/L	118				42	151	
Hexachlorobenzene	500		590	ug/L	118				60	129	
Atrazine	500		270	ug/L	54				20	162	
Pentachlorophenol	1000		1100	ug/L	110				15	137	
Phenanthrene	500		590	ug/L	118				40	147	
Anthracene	500		610	ug/L	122				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		670	ug/L	134				40	151	
Fluoranthene	500		560	ug/L	112				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		540	ug/L	108				41	149	
Butylbenzylphthalate	500		640	ug/L	128				39	155	
3,3-Dichlorobenzidine	500		74.1	ug/L	15				10	114	
Benzo(a)anthracene	500		590	ug/L	118				41	147	
Chrysene	500		580	ug/L	116				44	144	
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118				33	160	
Di-n-octyl phthalate	500		550	ug/L	110				36	158	
Benzo(b)fluoranthene	500		660	ug/L	132				40	150	
Benzo(k)fluoranthene	500		660	ug/L	132				40	147	
Benzo(a)pyrene	500		670	ug/L	134				42	147	
Indeno(1,2,3-cd)pyrene	500		610	ug/L	122				30	166	
Dibenz(a,h)anthracene	500		600	ug/L	120				23	172	
Benzo(g,h,i)perylene	500		530	ug/L	106				27	167	
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102				89	102	
1,4-Dioxane	500		380	ug/L	76				38	130	
2,3,4,6-Tetrachlorophenol	500		620	ug/L	124	*			91	111	
1-Methylnaphthalene	500		520	ug/L	104				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3448-02MSD		Client Sample ID: TP1MSD		DataFile: BF138815.D							
n-Nitrosodimethylamine	500		560	ug/L	112		2		10	130	20
Pyridine	500		290	ug/L	58		3		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		150	ug/L	30		29	*	10	130	20
Phenol	500		470	ug/L	94		2		10	130	20
bis(2-Chloroethyl)ether	500		500	ug/L	100		2		29	141	20
2-Chlorophenol	500		550	ug/L	110		4		23	127	20
1,2-Dichlorobenzene	500		460	ug/L	92		2		61	114	20
1,3-Dichlorobenzene	500		440	ug/L	88		2		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		2		55	125	20
Benzyl Alcohol	500		540	ug/L	108	*	2		31	94	20
2-Methylphenol	500		550	ug/L	110		4		23	132	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		2		36	141	20
Acetophenone	500		530	ug/L	106		0		31	164	20
3+4-Methylphenols	500		570	ug/L	114		4		17	136	20
N-Nitroso-di-n-propylamine	500		570	ug/L	114		4		36	147	20
Hexachloroethane	500		440	ug/L	88		0		35	137	20
Nitrobenzene	500		510	ug/L	102		2		40	134	20
Isophorone	500		560	ug/L	112		2		39	146	20
2-Nitrophenol	500		570	ug/L	114		4		30	148	20
2,4-Dimethylphenol	500		630	ug/L	126		3		17	143	20
bis(2-Chloroethoxy)methane	500		540	ug/L	108		2		39	143	20
2,4-Dichlorophenol	500		590	ug/L	118		5		22	146	20
1,2,4-Trichlorobenzene	500		520	ug/L	104		4		66	110	20
Benzoic acid	500		390	ug/L	78		8		10	101	20
Naphthalene	500		510	ug/L	102		0		17	157	20
4-Chloroaniline	500		58.7	ug/L	12		59	*	10	95	20
Hexachlorobutadiene	500		490	ug/L	98		0		52	125	20
Caprolactam	500		460	ug/L	92		0		10	130	20
4-Chloro-3-methylphenol	500		580	ug/L	116		0		17	148	20
2-Methylnaphthalene	500		560	ug/L	112		0		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		0		20	153	20
2,4,6-Trichlorophenol	500		590	ug/L	118		2		46	139	20
2,4,5-Trichlorophenol	500		580	ug/L	116		2		42	129	20
1,1-Biphenyl	500		520	ug/L	104		2		38	154	20
2-Chloronaphthalene	500		550	ug/L	110		0		41	145	20
2-Nitroaniline	500		550	ug/L	110		0		39	151	20
Dimethylphthalate	500		630	ug/L	126		3		42	147	20
Acenaphthylene	500		610	ug/L	122		0		40	141	20
2,6-Dinitrotoluene	500		570	ug/L	114		2		43	148	20
3-Nitroaniline	500		92.3	ug/L	18		36	*	10	111	20
Acenaphthene	500		560	ug/L	112		2		37	146	20
Total PAH	8000		9990	ug/L	125		6		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		9		14	167	20
4-Nitrophenol	1000		860	ug/L	86		2		10	130	20
Dibenzofuran	500		600	ug/L	120		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		620	ug/L	124		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1190	ug/L	119		0		40	151	20
Diethylphthalate	500		640	ug/L	128		2		41	148	20
4-Chlorophenyl-phenylether	500		600	ug/L	120		2		38	149	20
Fluorene	500		600	ug/L	120		2		39	144	20
4-Nitroaniline	500		390	ug/L	78		10		27	138	20
4,6-Dinitro-2-methylphenol	500		580	ug/L	116		0		32	175	20
N-Nitrosodiphenylamine	500		440	ug/L	88		13		40	150	20
Azobenzene	500		580	ug/L	116	*	2		72	112	20
4-Bromophenyl-phenylether	500		600	ug/L	120		2		42	151	20
Hexachlorobenzene	500		600	ug/L	120		2		60	129	20
Atrazine	500		190	ug/L	38		35	*	20	162	20
Pentachlorophenol	1000		1100	ug/L	110		0		15	137	20
Phenanthrene	500		610	ug/L	122		3		40	147	20
Anthracene	500		620	ug/L	124		2		41	146	20
Carbazole	500		410	ug/L	82		16		37	154	20
Di-n-butylphthalate	500		700	ug/L	140		4		40	151	20
Fluoranthene	500		580	ug/L	116		4		42	146	20
Benzidine	1000			ug/L	0	*			10	130	20
Pyrene	500		600	ug/L	120		11		41	149	20
Butylbenzylphthalate	500		670	ug/L	134		5		39	155	20
3,3-Dichlorobenzidine	500		42.9	ug/L	9	*	50	*	10	114	20
Benzo(a)anthracene	500		610	ug/L	122		3		41	147	20
Chrysene	500		590	ug/L	118		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		600	ug/L	120		2		33	160	20
Di-n-octyl phthalate	500		550	ug/L	110		0		36	158	20
Benzo(b)fluoranthene	500		740	ug/L	148		11		40	150	20
Benzo(k)fluoranthene	500		760	ug/L	152	*	14		40	147	20
Benzo(a)pyrene	500		770	ug/L	154	*	14		42	147	20
Indeno(1,2,3-cd)pyrene	500		650	ug/L	130		6		30	166	20
Dibenz(a,h)anthracene	500		650	ug/L	130		8		23	172	20
Benzo(g,h,i)perylene	500		530	ug/L	106		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	2		89	102	20
1,4-Dioxane	500		390	ug/L	78		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		630	ug/L	126	*	2		91	111	20
1-Methylnaphthalene	500		530	ug/L	106		2		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3387-05MS		Client Sample ID: WC-10-Full Waste ClassMS		DataFile: BF138828.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118				66	124	
Pyridine	1100		950	ug/Kg	86				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		770	ug/Kg	70				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1200	ug/Kg	109				61	138	
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*			61	105	
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*			62	101	
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*			63	104	
Benzyl Alcohol	1100		1300	ug/Kg	118				47	126	
2-Methylphenol	1100		1200	ug/Kg	109				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				52	115	
Acetophenone	1100		1200	ug/Kg	109				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109				53	132	
N-Nitroso-di-n-propylamine	1100		1300	ug/Kg	118				59	119	
Hexachloroethane	1100		1200	ug/Kg	109				65	117	
Nitrobenzene	1100		1200	ug/Kg	109				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				83	144	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*			57	103	
Benzoic acid	1100		840	ug/Kg	76				50	104	
Naphthalene	1100		1200	ug/Kg	109				72	110	
4-Chloroaniline	1100		650	ug/Kg	59				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100		1200	ug/Kg	109				59	123	
Hexachlorocyclopentadiene	2200		1900	ug/Kg	86				10	175	
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*			72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		910	ug/Kg	83				20	111	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600	1687.3	20450	ug/Kg	116				70	121	
2,4-Dinitrophenol	2200		2000	ug/Kg	91				16	160	
4-Nitrophenol	2200		1900	ug/Kg	86				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2400	ug/Kg	109				55	128	
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
Diethylphthalate	1100		1300	ug/Kg	118	*			70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1200	ug/Kg	109				68	116	
4-Nitroaniline	1100		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				32	145	
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*			73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118				65	121	
Hexachlorobenzene	1100		1300	ug/Kg	118				67	118	
Atrazine	1100		1500	ug/Kg	136	*			79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100	120	1400	ug/Kg	116	*			72	113	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1300	ug/Kg	118				59	119	
Di-n-butylphthalate	1100		1500	ug/Kg	136	*			69	118	
Fluoranthene	1100	370	1700	ug/Kg	121				59	125	
Benzidine	2200		0	ug/Kg	0	*			10	119	
Pyrene	1100	230	1200	ug/Kg	88				52	128	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		920	ug/Kg	84				10	164	
Benzo(a)anthracene	1100	150	1400	ug/Kg	114				71	114	
Chrysene	1100	160	1400	ug/Kg	113				57	121	
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118				66	127	
Di-n-octyl phthalate	1100		1200	ug/Kg	109				71	126	
Benzo(b)fluoranthene	1100	220	1500	ug/Kg	116				67	121	
Benzo(k)fluoranthene	1100	110	1500	ug/Kg	126	*			74	114	
Benzo(a)pyrene	1100	160	1400	ug/Kg	113				70	142	
Indeno(1,2,3-cd)pyrene	1100	75.4	980	ug/Kg	82				61	125	
Dibenz(a,h)anthracene	1100		930	ug/Kg	85				67	130	
Benzo(g,h,i)perylene	1100	91.9	840	ug/Kg	68				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3387-05MSD		Client Sample ID: WC-10-Full Waste ClassMSD		DataFile: BF138829.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118		0		66	124	20
Pyridine	1100		960	ug/Kg	87		1		45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	20
Aniline	1100		740	ug/Kg	67		4		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1200	ug/Kg	109		0		61	138	20
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		61	105	20
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		62	101	20
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		8		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		52	115	20
Acetophenone	1100		1200	ug/Kg	109		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		8		59	119	20
Hexachloroethane	1100		1200	ug/Kg	109		0		65	117	20
Nitrobenzene	1100		1200	ug/Kg	109		0		70	119	20
Isophorone	1100		1200	ug/Kg	109		0		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		0		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		0		83	144	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*	0		57	103	20
Benzoic acid	1100		880	ug/Kg	80		5		50	104	20
Naphthalene	1100		1200	ug/Kg	109		0		72	110	20
4-Chloroaniline	1100		570	ug/Kg	52		13		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		0		59	123	20
Hexachlorocyclopentadiene	2200		1700	ug/Kg	77		11		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	0		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1300	ug/Kg	118		8		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		8		69	127	20
Dimethylphthalate	1100		1400	ug/Kg	127	*	7		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		0		79	118	20
2,6-Dinitrotoluene	1100		1300	ug/Kg	118		8		70	125	20
3-Nitroaniline	1100		910	ug/Kg	83		0		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		0		70	121	20
Total PAH	17600	1687.3	20630	ug/Kg	117		1		70	121	20
2,4-Dinitrophenol	2200		2000	ug/Kg	91		0		16	160	20
4-Nitrophenol	2200		2100	ug/Kg	95		10		45	133	20
Dibenzofuran	1100		1300	ug/Kg	118	*	8		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2600	ug/Kg	118		8		55	128	20
2,4-Dinitrotoluene	1100		1300	ug/Kg	118		8		55	128	20
Diethylphthalate	1100		1400	ug/Kg	127	*	7		70	112	20
4-Chlorophenyl-phenylether	1100		1300	ug/Kg	118	*	8		71	108	20
Fluorene	1100		1200	ug/Kg	109		0		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		0		32	145	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		7		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		0		65	121	20
Hexachlorobenzene	1100		1300	ug/Kg	118		0		67	118	20
Atrazine	1100		1500	ug/Kg	136	*	0		79	127	20
Pentachlorophenol	2200		2200	ug/Kg	100		0		47	128	20
Phenanthrene	1100	120	1400	ug/Kg	116	*	0		72	113	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1300	ug/Kg	118		0		59	119	20
Di-n-butylphthalate	1100		1500	ug/Kg	136	*	0		69	118	20
Fluoranthene	1100	370	1700	ug/Kg	121		0		59	125	20
Benzidine	2200		120	ug/Kg	5	*	200	*	10	119	20
Pyrene	1100	230	1200	ug/Kg	88		0		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	7		64	126	20
3,3-Dichlorobenzidine	1100		990	ug/Kg	90		7		10	164	20
Benzo(a)anthracene	1100	150	1400	ug/Kg	114		0		71	114	20
Chrysene	1100	160	1400	ug/Kg	113		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1400	ug/Kg	127		7		66	127	20
Di-n-octyl phthalate	1100		1200	ug/Kg	109		0		71	126	20
Benzo(b)fluoranthene	1100	220	1500	ug/Kg	116		0		67	121	20
Benzo(k)fluoranthene	1100	110	1600	ug/Kg	135	*	7		74	114	20
Benzo(a)pyrene	1100	160	1400	ug/Kg	113		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	75.4	1000	ug/Kg	84		2		61	125	20
Dibenz(a,h)anthracene	1100		950	ug/Kg	86		1		67	130	20
Benzo(g,h,i)perylene	1100	91.9	880	ug/Kg	72		6		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118		8		69	124	20
1,4-Dioxane	1100		870	ug/Kg	79		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		9		56	133	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3362-02	VNJ-220	BF138832.D	2-Fluorophenol	150	94.45	63		18	112
			Phenol-d6	150	92.04	61		15	107
			Nitrobenzene-d5	100	66.34	66		18	107
			2-Fluorobiphenyl	100	82.57	83		20	109
			2,4,6-Tribromophenol	150	86.89	58		10	110
			Terphenyl-d14	100	67.66	68		14	112

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3387-05MS	WC-10-Full Waste (BF138828.D)		2-Fluorophenol	150	108.64	72		18	112
			Phenol-d6	150	107.69	72		15	107
			Nitrobenzene-d5	100	76.52	77		18	107
			2-Fluorobiphenyl	100	83.60	84		20	109
			2,4,6-Tribromophenol	150	102.96	69		10	110
			Terphenyl-d14	100	71.84	72		14	112
P3387-05MSD	WC-10-Full Waste (BF138829.D)		2-Fluorophenol	150	107.06	71		18	112
			Phenol-d6	150	105.30	70		15	107
			Nitrobenzene-d5	100	76.43	76		18	107
			2-Fluorobiphenyl	100	86.18	86		20	109
			2,4,6-Tribromophenol	150	108.15	72		10	110
			Terphenyl-d14	100	75.01	75		14	112
PB162320BS	PB162320BS	BF138810.D	2-Fluorophenol	150	132.06	88		18	112
			Phenol-d6	150	129.46	86		15	107
			Nitrobenzene-d5	100	83.71	84		18	107
			2-Fluorobiphenyl	100	87.03	87		20	109
			2,4,6-Tribromophenol	150	143.13	95		10	110
			Terphenyl-d14	100	114.47	114	*	14	112

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3352-02MS	SOIL-COMPMS	BF138824.D	2-Fluorophenol	150	148.19	99		10	139
			Phenol-d6	150	143.22	95		10	134
			Nitrobenzene-d5	100	107.41	107		49	133
			2-Fluorobiphenyl	100	107.64	108		52	132
			2,4,6-Tribromophenol	150	173.08	115		32	145
			Terphenyl-d14	100	125.53	126		36	145
P3352-02MSD	SOIL-COMPMSD	BF138825.D	2-Fluorophenol	150	131.49	88		10	139
			Phenol-d6	150	129.00	86		10	134
			Nitrobenzene-d5	100	93.53	94		49	133
			2-Fluorobiphenyl	100	95.28	95		52	132
			2,4,6-Tribromophenol	150	150.32	100		32	145
			Terphenyl-d14	100	110.99	111		36	145
PB162267TB	PB162267TB	BF138806.D	2-Fluorophenol	150	135.81	91		10	139
			Phenol-d6	150	135.29	90		10	134
			Nitrobenzene-d5	100	88.85	89		49	133
			2-Fluorobiphenyl	100	90.19	90		52	132
			2,4,6-Tribromophenol	150	157.79	105		32	145
			Terphenyl-d14	100	99.60	100		36	145
PB162362TB	PB162362TB	BF138808.D	2-Fluorophenol	150	136.67	91		10	139
			Phenol-d6	150	134.60	90		10	134
			Nitrobenzene-d5	100	88.11	88		49	133
			2-Fluorobiphenyl	100	88.79	89		52	132
			2,4,6-Tribromophenol	150	155.42	104		32	145
			Terphenyl-d14	100	100.76	101		36	145
PB162384BS	PB162384BS	BF138809.D	2-Fluorophenol	150	131.36	88		10	139
			Phenol-d6	150	127.44	85		10	134
			Nitrobenzene-d5	100	82.74	83		49	133
			2-Fluorobiphenyl	100	88.29	88		52	132
			2,4,6-Tribromophenol	150	147.23	98		32	145
			Terphenyl-d14	100	111.68	112		36	145

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3396-08RE	P001-CF04-01RE	BF138822.D	2-Fluorophenol	150	84.19	56		10	139
			Phenol-d6	150	55.88	37		10	134
			Nitrobenzene-d5	100	101.81	102		49	133
			2-Fluorobiphenyl	100	99.87	100		52	132
			2,4,6-Tribromophenol	150	161.78	108		32	145
			Terphenyl-d14	100	134.01	134		36	145
P3396-12RE	P001-CF05-02RE	BF138823.D	2-Fluorophenol	150	88.84	59		10	139
			Phenol-d6	150	60.17	40		10	134
			Nitrobenzene-d5	100	103.91	104		49	133
			2-Fluorobiphenyl	100	104.39	104		52	132
			2,4,6-Tribromophenol	150	174.41	116		32	145
			Terphenyl-d14	100	147.68	148	*	36	145

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3414-03DL	PL-02-07312024-BIBF138831.D		2-Fluorophenol	150	90.34	60		18	112
			Phenol-d6	150	85.17	57		15	107
			Nitrobenzene-d5	100	65.27	65		18	107
			2-Fluorobiphenyl	100	76.05	76		20	109
			2,4,6-Tribromophenol	150	78.76	53		10	110
			Terphenyl-d14	100	65.90	66		14	112

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3441-01RE	BU-02-08012024RIBF138826.D		2-Fluorophenol	150	80.29	54		18	112
			Phenol-d6	150	77.26	52		15	107
			Nitrobenzene-d5	100	54.49	54		18	107
			2-Fluorobiphenyl	100	61.34	61		20	109
			2,4,6-Tribromophenol	150	70.93	47		10	110
			Terphenyl-d14	100	51.57	52		14	112
P3448-05DL	TP3DL	BF138827.D	2-Fluorophenol	150	77.80	52		18	112
			Phenol-d6	150	82.28	55		15	107
			Nitrobenzene-d5	100	58.03	58		18	107
			2-Fluorobiphenyl	100	67.10	67		20	109
			2,4,6-Tribromophenol	150	54.83	37		10	110
			Terphenyl-d14	100	54.53	55		14	112

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3448-02MS	TP1MS	BF138814.D	2-Fluorophenol	150	141.56	94		10	139
			Phenol-d6	150	130.42	87		10	134
			Nitrobenzene-d5	100	103.54	104		49	133
			2-Fluorobiphenyl	100	107.98	108		52	132
			2,4,6-Tribromophenol	150	174.84	117		32	145
			Terphenyl-d14	100	124.64	125		36	145
P3448-02MSD	TP1MSD	BF138815.D	2-Fluorophenol	150	144.70	96		10	139
			Phenol-d6	150	133.42	89		10	134
			Nitrobenzene-d5	100	105.52	106		49	133
			2-Fluorobiphenyl	100	109.06	109		52	132
			2,4,6-Tribromophenol	150	174.32	116		32	145
			Terphenyl-d14	100	136.74	137		36	145
PB162473BL	PB162473BL	BF138813.D	2-Fluorophenol	150	141.80	95		10	139
			Phenol-d6	150	141.70	94		10	134
			Nitrobenzene-d5	100	88.44	88		49	133
			2-Fluorobiphenyl	100	90.63	91		52	132
			2,4,6-Tribromophenol	150	155.85	104		32	145
			Terphenyl-d14	100	100.55	101		36	145
PB162473BS	PB162473BS	BF138807.D	2-Fluorophenol	150	131.11	87		10	139
			Phenol-d6	150	128.08	85		10	134
			Nitrobenzene-d5	100	84.09	84		49	133
			2-Fluorobiphenyl	100	86.66	87		52	132
			2,4,6-Tribromophenol	150	141.23	94		32	145
			Terphenyl-d14	100	110.93	111		36	145

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3464-01	TOPSOIL	BF138830.D	2-Fluorophenol	150	75.99	51		18	112
			Phenol-d6	150	70.89	47		15	107
			Nitrobenzene-d5	100	52.86	53		18	107
			2-Fluorobiphenyl	100	60.14	60		20	109
			2,4,6-Tribromophenol	150	75.94	51		10	110
			Terphenyl-d14	100	51.76	52		14	112

Surrogate Summary

SW-846

SDG No.: **BF080624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3458-02	EB-70-150	BF138816.D	2-Fluorophenol	150	48.68	32		10	139
			Phenol-d6	150	28.89	19		10	134
			Nitrobenzene-d5	100	83.37	83		49	133
			2-Fluorobiphenyl	100	84.65	85		52	132
			2,4,6-Tribromophenol	150	130.30	87		32	145
			Terphenyl-d14	100	106.16	106		36	145
P3458-03	MLS-15-224-239	BF138817.D	2-Fluorophenol	150	49.84	33		10	139
			Phenol-d6	150	28.97	19		10	134
			Nitrobenzene-d5	100	88.06	88		49	133
			2-Fluorobiphenyl	100	90.20	90		52	132
			2,4,6-Tribromophenol	150	132.87	89		32	145
			Terphenyl-d14	100	109.92	110		36	145
P3458-04	MLS-15-257-272	BF138818.D	2-Fluorophenol	150	47.89	32		10	139
			Phenol-d6	150	27.50	18		10	134
			Nitrobenzene-d5	100	84.08	84		49	133
			2-Fluorobiphenyl	100	87.04	87		52	132
			2,4,6-Tribromophenol	150	138.02	92		32	145
			Terphenyl-d14	100	105.69	106		36	145
P3459-01	EB-224-375	BF138819.D	2-Fluorophenol	150	51.00	34		10	139
			Phenol-d6	150	29.53	20		10	134
			Nitrobenzene-d5	100	87.25	87		49	133
			2-Fluorobiphenyl	100	88.77	89		52	132
			2,4,6-Tribromophenol	150	138.11	92		32	145
			Terphenyl-d14	100	117.01	117		36	145
P3459-02	MLS-15-360-375	BF138820.D	2-Fluorophenol	150	80.47	54		10	139
			Phenol-d6	150	53.10	35		10	134
			Nitrobenzene-d5	100	85.21	85		49	133
			2-Fluorobiphenyl	100	86.68	87		52	132
			2,4,6-Tribromophenol	150	142.36	95		32	145
			Terphenyl-d14	100	103.36	103		36	145
P3459-03	MLS-15-383-398	BF138821.D	2-Fluorophenol	150	78.87	53		10	139
			Phenol-d6	150	49.59	33		10	134
			Nitrobenzene-d5	100	86.87	87		49	133
			2-Fluorobiphenyl	100	88.42	88		52	132
			2,4,6-Tribromophenol	150	143.69	96		32	145
			Terphenyl-d14	100	119.88	120		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080624

Lab Code: CHEM

SAS No.: BF080624

SDG NO.: BF080624

Lab File ID: BF138804.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	82.1
443	15.0 - 24.0% of mass 442	16.1 (19.7) 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	BF138805.D	08/06/2024	12:46
PB162267TB	PB162267TB	BF138806.D	08/06/2024	13:19
PB162473BS	PB162473BS	BF138807.D	08/06/2024	13:50
PB162362TB	PB162362TB	BF138808.D	08/06/2024	14:23
PB162384BS	PB162384BS	BF138809.D	08/06/2024	14:55
PB162320BS	PB162320BS	BF138810.D	08/06/2024	15:29

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080624

Lab Code: CHEM

SAS No.: BF080624

SDG NO.: BF080624

Lab File ID: BF138811.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 17:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.4
68	Less than 2.0% of mass 69	0.3 (0.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.0 (0.0) 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	27.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	16.8 (19.8) 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	BF138812.D	08/06/2024	17:55
PB162473BL	PB162473BL	BF138813.D	08/06/2024	18:29
TP1MS	P3448-02MS	BF138814.D	08/06/2024	19:05
TP1MSD	P3448-02MSD	BF138815.D	08/06/2024	19:39
EB-70-150	P3458-02	BF138816.D	08/06/2024	20:12
MLS-15-224-239	P3458-03	BF138817.D	08/06/2024	20:45
MLS-15-257-272	P3458-04	BF138818.D	08/06/2024	21:17
EB-224-375	P3459-01	BF138819.D	08/06/2024	21:49
MLS-15-360-375	P3459-02	BF138820.D	08/06/2024	22:22
MLS-15-383-398	P3459-03	BF138821.D	08/06/2024	22:54
P001-CF04-01RE	P3396-08RE	BF138822.D	08/06/2024	23:26
P001-CF05-02RE	P3396-12RE	BF138823.D	08/06/2024	23:58
SOIL-COMPMS	P3352-02MS	BF138824.D	08/07/2024	00:30
SOIL-COMPMSD	P3352-02MSD	BF138825.D	08/07/2024	01:02
BU-02-08012024RE	P3441-01RE	BF138826.D	08/07/2024	01:34
TP3DL	P3448-05DL	BF138827.D	08/07/2024	02:05
WC-10-Full Waste ClassMS	P3387-05MS	BF138828.D	08/07/2024	02:37
WC-10-Full Waste ClassMSD	P3387-05MSD	BF138829.D	08/07/2024	03:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080624

Lab Code: CHEM

SAS No.: BF080624

SDG NO.: BF080624

Lab File ID: BF138811.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 17:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.4
68	Less than 2.0% of mass 69	0.3 (0.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.0 (0.0) 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	27.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	16.8 (19.8) 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
TOPSOIL	P3464-01	BF138830.D	08/07/2024	03:40
PL-02-07312024-BDL	P3414-03DL	BF138831.D	08/07/2024	04:11
VNJ-220	P3362-02	BF138832.D	08/07/2024	04:42