

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG No.: BF070124

Instrument ID: BNA_F Calibration Date/Time: 7/1/2024 12:10:57

Lab File ID: BF138395.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	0.846	0.887		4.846	
Pyridine	1.356	1.493		10.103	
2-Fluorophenol	1.206	1.221		1.244	
Benzaldehyde	1.003	1.013		0.997	
Aniline	1.586	1.687		6.368	
Phenol-d6	1.625	1.655		1.846	
Phenol	1.731	1.788		3.293	20.0
bis(2-Chloroethyl) ether	1.360	1.433		5.368	
2-Chlorophenol	1.295	1.332		2.857	
1,2-Dichlorobenzene	1.373	1.374		0.073	
1,3-Dichlorobenzene	1.483	1.484		0.067	
1,4-Dichlorobenzene	1.487	1.487		0.0	20.0
Benzyl Alcohol	1.164	1.201		3.179	
2-Methylphenol	1.073	1.104		2.889	
2,2-oxybis(1-Chloropropane)	2.743	2.836		3.39	
Acetophenone	0.454	0.435		-4.185	
3+4-Methylphenols	1.247	1.294		3.769	
n-Nitroso-di-n-propylamine	1.024	1.009	0.050	-1.465	
Nitrobenzene-d5	0.385	0.384		-0.26	
Hexachloroethane	0.536	0.551		2.799	
Nitrobenzene	0.392	0.395		0.765	
Isophorone	0.710	0.703		-0.986	
2-Nitrophenol	0.169	0.175		3.55	20.0
2,4-Dimethylphenol	0.216	0.219		1.389	
bis(2-Chloroethoxy) methane	0.427	0.430		0.703	
2,4-Dichlorophenol	0.278	0.274		-1.439	20.0
1,2,4-Trichlorobenzene	0.323	0.310		-4.025	
Benzoic acid	0.183	0.206		12.568	
Naphthalene	1.011	0.982		-2.868	
4-Chloroaniline	0.353	0.356		0.85	
Hexachlorobutadiene	0.194	0.186		-4.124	20.0
Caprolactam	0.088	0.090		2.273	
4-Chloro-3-methylphenol	0.296	0.298		0.676	20.0
2-Methylnaphthalene	0.653	0.630		-3.522	
Hexachlorocyclopentadiene	0.163	0.155	0.050	-4.908	
2,4,6-Trichlorophenol	0.352	0.346		-1.705	20.0
2-Fluorobiphenyl	1.257	1.155		-8.115	
2,4,5-Trichlorophenol	0.383	0.374		-2.35	
1,1-Biphenyl	1.493	1.427		-4.421	

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Lab File ID: BF138395.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	1.139	1.096		-3.775	
2-Nitroaniline	0.367	0.381		3.815	
Dimethylphthalate	1.285	1.249		-2.802	
Acenaphthylene	1.601	1.553		-2.998	
2,6-Dinitrotoluene	0.288	0.288		0.0	
3-Nitroaniline	0.284	0.289		1.761	
Acenaphthene	1.096	1.069		-2.464	20.0
2,4-Dinitrophenol	0.094	0.101	0.050	7.447	
4-Nitrophenol	0.184	0.195	0.050	5.978	
Dibenzofuran	1.511	1.465		-3.044	
2,4-Dinitrotoluene	0.354	0.365		3.107	
Diethylphthalate	1.202	1.173		-2.413	
4-Chlorophenyl-phenylether	0.609	0.560		-8.046	
Fluorene	1.200	1.089		-9.25	
4-Nitroaniline	0.261	0.273		4.598	
4,6-Dinitro-2-methylphenol	0.096	0.099		3.125	
n-Nitrosodiphenylamine	0.621	0.586		-5.636	20.0
Azobenzene	1.269	1.279		0.788	
2,4,6-Tribromophenol	0.163	0.161		-1.227	
4-Bromophenyl-phenylether	0.215	0.204		-5.116	
Hexachlorobenzene	0.237	0.217		-8.439	
Atrazine	0.174	0.176		1.149	
Pentachlorophenol	0.120	0.124		3.333	20.0
Phenanthrene	0.976	0.926		-5.123	
Anthracene	0.974	0.936		-3.901	
Carbazole	0.808	0.799		-1.114	
Di-n-butylphthalate	1.025	1.021		-0.39	
Fluoranthene	0.875	0.881		0.686	20.0
Benzidine	0.160	0.048		-70.0	
Pyrene	2.138	2.147		0.421	
Terphenyl-d14	1.459	1.442		-1.165	
Butylbenzylphthalate	0.650	0.707		8.769	
3,3-Dichlorobenzidine	0.380	0.355		-6.579	
Benzo(a)anthracene	1.287	1.275		-0.932	
Chrysene	1.253	1.243		-0.798	
Bis(2-ethylhexyl)phthalate	0.816	0.854		4.657	
Di-n-octyl phthalate	1.428	1.378		-3.501	20.0
Benzo(b)fluoranthene	1.097	1.078		-1.732	
Benzo(k)fluoranthene	1.011	1.007		-0.396	

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Instrument ID: BNA_F Calibration Date/Time: 7/1/2024 12:10:57

Lab File ID: BF138395.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.962	0.945		-1.767	20.0
Indeno(1,2,3-cd)pyrene	1.005	0.952		-5.274	
Dibenzo(a,h)anthracene	0.811	0.772		-4.809	
Benzo(g,h,i)perylene	0.794	0.772		-2.771	
1,2,4,5-Tetrachlorobenzene	0.553	0.522		-5.606	
1,4-Dioxane	0.568	0.602		5.986	20.0
2,3,4,6-Tetrachlorophenol	0.284	0.288		1.408	
1-Methylnaphthalene	0.634	0.612		-3.47	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BL	SDG No.:	BF070124
Lab Sample ID:	PB161809BL	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
BF138396.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BL	SDG No.:	BF070124
Lab Sample ID:	PB161809BL	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
BF138396.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BL	SDG No.:	BF070124
Lab Sample ID:	PB161809BL	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
BF138396.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	123.635		10-139		82	SPK: -150
13127-88-3	Phenol-d6	124.193		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	83.502		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	75.038		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BL	SDG No.:	BF070124
Lab Sample ID:	PB161809BL	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
BF138396.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.966		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	79.975		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219737	6.875				
1146-65-2	Naphthalene-d8	912818	8.151				
15067-26-2	Acenaphthene-d10	520180	9.904				
1517-22-2	Phenanthrene-d10	850746	11.392				
1719-03-5	Chrysene-d12	339085	14.021				
1520-96-3	Perylene-d12	294922	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.4	J			2.275	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.7	A			5.128	

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BS	SDG No.:	BF070124
Lab Sample ID:	PB161809BS	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
BF138397.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.7		1	8	10	ug/L
110-86-1	Pyridine	37.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	30		1.6	4	5	ug/L
108-95-2	Phenol	43.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.3		1.4	4	5	ug/L
98-86-2	Acetophenone	41.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.6		1	4	5	ug/L
98-95-3	Nitrobenzene	41.4		1.3	4	5	ug/L
78-59-1	Isophorone	42.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.3		5.5	8	10	ug/L
91-20-3	Naphthalene	40.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BS	SDG No.:	BF070124
Lab Sample ID:	PB161809BS	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
BF138397.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	45		0.81	4	5	ug/L
Total PAH	Total PAH	718		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	97.5	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.8		0.98	4	5	ug/L
86-73-7	Fluorene	39.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.4		0.89	4	5	ug/L
103-33-3	Azobenzene	44		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	40.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	39.7		1.1	4	5	ug/L
1912-24-9	Atrazine	44.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BS	SDG No.:	BF070124
Lab Sample ID:	PB161809BS	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
BF138397.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	42.3		0.89	4	5	ug/L
120-12-7	Anthracene	42.7		1.1	4	5	ug/L
86-74-8	Carbazole	43.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.9		1.3	4	5	ug/L
92-87-5	Benzidine	44.9		4.1	8	10	ug/L
129-00-0	Pyrene	42.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.94	4	5	ug/L
218-01-9	Chrysene	45		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	42.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.64		10-139		80	SPK: -150
13127-88-3	Phenol-d6	121.329		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	80.61		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	74.968		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BS	SDG No.:	BF070124
Lab Sample ID:	PB161809BS	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
BF138397.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.87		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	81.294		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211026	6.875				
1146-65-2	Naphthalene-d8	871730	8.157				
15067-26-2	Acenaphthene-d10	463965	9.91				
1517-22-2	Phenanthrene-d10	761964	11.398				
1719-03-5	Chrysene-d12	310291	14.027				
1520-96-3	Perylene-d12	333992	15.492				

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BSD	SDG No.:	BF070124
Lab Sample ID:	PB161809BSD	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
BF138398.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.7		1	8	10	ug/L
110-86-1	Pyridine	36.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	30.2		1.6	4	5	ug/L
108-95-2	Phenol	44.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.9		1.4	4	5	ug/L
98-86-2	Acetophenone	41.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.5		1	4	5	ug/L
98-95-3	Nitrobenzene	41.1		1.3	4	5	ug/L
78-59-1	Isophorone	42.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.1		5.5	8	10	ug/L
91-20-3	Naphthalene	40.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BSD	SDG No.:	BF070124
Lab Sample ID:	PB161809BSD	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
BF138398.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	45		0.81	4	5	ug/L
Total PAH	Total PAH	712.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	92.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	97.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.7		0.98	4	5	ug/L
86-73-7	Fluorene	38.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.6		0.89	4	5	ug/L
103-33-3	Azobenzene	44		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40		1.1	4	5	ug/L
1912-24-9	Atrazine	44.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BSD	SDG No.:	BF070124
Lab Sample ID:	PB161809BSD	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
BF138398.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42.9		0.89	4	5	ug/L
120-12-7	Anthracene	43.5		1.1	4	5	ug/L
86-74-8	Carbazole	43.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.5		1.3	4	5	ug/L
92-87-5	Benzidine	50.8		4.1	8	10	ug/L
129-00-0	Pyrene	42.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.1		0.94	4	5	ug/L
218-01-9	Chrysene	44.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.9		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		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	35.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.326		10-139		80	SPK: -150
13127-88-3	Phenol-d6	121.56		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	80.472		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	74.228		52-132		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	PB161809BSD	SDG No.:	BF070124
Lab Sample ID:	PB161809BSD	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
BF138398.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.879		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	81.259		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209693	6.875				
1146-65-2	Naphthalene-d8	874138	8.157				
15067-26-2	Acenaphthene-d10	469795	9.91				
1517-22-2	Phenanthrene-d10	757509	11.398				
1719-03-5	Chrysene-d12	312092	14.027				
1520-96-3	Perylene-d12	344844	15.492				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	FB-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138399.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	FB-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138399.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	FB-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138399.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	75.593		10-139		50	SPK: -150
13127-88-3	Phenol-d6	45.935		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	88.038		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	78.804		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	FB-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138399.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.466		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	67.501		36-145		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182330	6.875				
1146-65-2	Naphthalene-d8	733542	8.151				
15067-26-2	Acenaphthene-d10	390330	9.904				
1517-22-2	Phenanthrene-d10	566911	11.392				
1719-03-5	Chrysene-d12	300649	14.027				
1520-96-3	Perylene-d12	252653	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	220	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.7	A			5.098	
000057-10-3	n-Hexadecanoic acid	3.4	J			11.91	
000057-11-4	Octadecanoic acid	2.1	J			12.698	
000629-99-2	Pentacosane	3.7	J			12.833	
000630-01-3	Hexacosane	3.1	J			13.786	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-02	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
BF138400.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	340	E	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:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-02	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
BF138400.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	81.9	E	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	36.3		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	3.8	J	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	50.2		0.82	4	5.1	ug/L
Total PAH	Total PAH	467.5		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	2.7	J	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	22.5		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:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-02	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
BF138400.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	36		0.9	4	5.1	ug/L
120-12-7	Anthracene	8.4		1.1	4	5.1	ug/L
86-74-8	Carbazole	2	J	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	2.8	J	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	3.8	J	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	230	E	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	58.275		10-139		39	SPK: -150
13127-88-3	Phenol-d6	37.324		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	70.149		49-133		70	SPK: -100
321-60-8	2-Fluorobiphenyl	63.777		52-132		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-02	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
BF138400.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.163		32-145		71	SPK: -150
1718-51-0	Terphenyl-d14	56.401		36-145		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198578	6.875				
1146-65-2	Naphthalene-d8	642092	8.163				
15067-26-2	Acenaphthene-d10	412135	9.91				
1517-22-2	Phenanthrene-d10	617557	11.392				
1719-03-5	Chrysene-d12	331483	14.027				
1520-96-3	Perylene-d12	287648	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.187	
000100-41-4	Ethylbenzene	98.5	J			5.369	
000098-82-8	Benzene, (1-methylethyl)-	41.6	J			6.045	
000103-65-1	Benzene, propyl-	41.8	J			6.334	
000611-14-3	Benzene, 1-ethyl-2-methyl-	22.3	J			6.434	
000622-96-8	Benzene, 1-ethyl-4-methyl-	62.5	J			6.563	
000526-73-8	Benzene, 1,2,3-trimethyl-	120	J			6.704	
000108-67-8	Mesitylene	80.3	J			6.934	
036617-02-4	Benzene, (2-bromocyclopropyl)-	19.6	J			6.975	
000496-11-7	Indane	210	J			7.069	
000141-93-5	Benzene, 1,3-diethyl-	39.2	J			7.122	
000105-05-5	Benzene, 1,4-diethyl-	32.1	J			7.192	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	26.3	J			7.34	
001127-76-0	Naphthalene, 1-ethyl-	17.5	J			9.428	
000575-43-9	Naphthalene, 1,6-dimethyl-	26.8	J			9.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	39.2	J			9.569	
000581-42-0	Naphthalene, 2,6-dimethyl-	11.3	J			9.592	
000573-98-8	Naphthalene, 1,2-dimethyl-	19.9	J			9.686	
000613-12-7	Anthracene, 2-methyl-	10.6	J			11.916	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-02	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
BF138400.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:				Date Collected:	6/25/2024 12:00:00 AM		
Project:				Date Received:	6/25/2024 12:00:00 AM		
Client Sample ID:	MW14-20240625			SDG No.:	BF070124		
Lab Sample ID:	P3073-03			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138401.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	760	E	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW14-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138401.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	280	E	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	18		0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	60.1		0.83	4.1	5.1	ug/L
Total PAH	Total PAH	893.5		17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	22.4		0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW14-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138401.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	37.6		0.91	4.1	5.1	ug/L
120-12-7	Anthracene	7.7		1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.4	J	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	3.3	J	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	300	E	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.037		10-139		41	SPK: -150
13127-88-3	Phenol-d6	37.934		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	104.192		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	69.273		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW14-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138401.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.116		32-145		72	SPK: -150
1718-51-0	Terphenyl-d14	56.052		36-145		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191304	6.875				
1146-65-2	Naphthalene-d8	468432	8.169				
15067-26-2	Acenaphthene-d10	401687	9.91				
1517-22-2	Phenanthrene-d10	581387	11.392				
1719-03-5	Chrysene-d12	333925	14.027				
1520-96-3	Perylene-d12	288698	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.187	
000098-82-8	Benzene, (1-methylethyl)-	48.9	J			6.046	
000611-14-3	Benzene, 1-ethyl-2-methyl-	91.6	J			6.563	
000108-67-8	Mesitylene	250	J			6.716	
000095-63-6	Benzene, 1,2,4-trimethyl-	120	J			6.94	
000496-11-7	Indane	190	J			7.063	
000105-05-5	Benzene, 1,4-diethyl-	52.5	J			7.192	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	81.6	J			7.645	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	130	J			7.669	
027831-13-6	Benzene, 4-ethenyl-1,2-dimethyl-	49.9	J			7.745	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	200	J			7.834	
000767-59-9	1H-Indene, 1-methyl-	570	J			7.957	
000612-17-9	1,4-Dihydronaphthalene	120	J			8.034	
007125-62-4	5H-Benzocycloheptene, 6,7-dihydro-	59.5	J			8.516	
002177-48-2	1H-Indene, 1,3-dimethyl-	48	J			8.598	
004773-82-4	1H-Indene, 2,3-dimethyl-	75.9	J			8.616	
	unknown8.639	77.9	J			8.639	
018636-55-0	1H-Indene, 1,1-dimethyl-	96	J			8.663	
000581-40-8	Naphthalene, 2,3-dimethyl-	46	J			9.569	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW14-20240625	SDG No.:	BF070124
Lab Sample ID:	P3073-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138401.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown10.010	45.9	J			10.01	

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138402.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	7.7		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	7.5		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	3.8	J	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	30.5		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	10		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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-03	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
BF138402.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138402.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	3.4	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	78.065		10-139		52	SPK: -150
13127-88-3	Phenol-d6	49.993		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	90.314		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	77.586		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138402.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.13		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	59.758		36-145		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182194	6.875				
1146-65-2	Naphthalene-d8	702961	8.157				
15067-26-2	Acenaphthene-d10	385210	9.91				
1517-22-2	Phenanthrene-d10	511118	11.392				
1719-03-5	Chrysene-d12	307249	14.027				
1520-96-3	Perylene-d12	298037	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			2.205	
004971-18-0	Cyclopentanone, 2-ethyl-	11.7	J			6.198	
000620-14-4	Benzene, 1-ethyl-3-methyl-	9.3	J			6.398	
000611-14-3	Benzene, 1-ethyl-2-methyl-	20.1	J			6.434	
000526-73-8	Benzene, 1,2,3-trimethyl-	37.4	J			6.934	
001121-05-7	2-Cyclopenten-1-one, 2,3-dimethyl-	14.5	J			7.022	
000496-11-7	Indane	26.8	J			7.051	
000527-84-4	o-Cymene	28.5	J			7.192	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	9.6	J			7.669	
000587-03-1	3-Methylbenzyl alcohol	11.4	J			7.751	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.7	J			7.892	
001460-16-8	Cycloheptanecarboxylic acid	10.7	J			8.086	
001687-61-2	Phenol, 2-ethyl-5-methyl-	20.4	J			8.422	
006966-10-5	3,4-Dimethylbenzyl alcohol	17.2	J			8.569	
000099-94-5	Benzoic acid, 4-methyl-	10	J			8.622	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	11.7	J			8.745	
000632-46-2	Benzoic acid, 2,6-dimethyl-	73.5	J			9.116	
000619-04-5	Benzoic acid, 3,4-dimethyl-	24	J			9.392	

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626-A	SDG No.:	BF070124
Lab Sample ID:	P3092-04	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
BF138403.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	10.6		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	2.3	J	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	9		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	4	J	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	32.1		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	10.5		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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626-A	SDG No.:	BF070124
Lab Sample ID:	P3092-04	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
BF138403.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626-A	SDG No.:	BF070124
Lab Sample ID:	P3092-04	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
BF138403.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	3.7	J	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	82.433		10-139		55	SPK: -150
13127-88-3	Phenol-d6	52.224		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	91.638		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	77.316		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW6-20240626-A	SDG No.:	BF070124
Lab Sample ID:	P3092-04	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
BF138403.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.842		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	61.446		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180237	6.875				
1146-65-2	Naphthalene-d8	699705	8.157				
15067-26-2	Acenaphthene-d10	388056	9.91				
1517-22-2	Phenanthrene-d10	512613	11.392				
1719-03-5	Chrysene-d12	306818	14.027				
1520-96-3	Perylene-d12	301725	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.21	
004971-18-0	Cyclopentanone, 2-ethyl-	12.2	J			6.198	
000611-14-3	Benzene, 1-ethyl-2-methyl-	19.1	J			6.434	
000526-73-8	Benzene, 1,2,3-trimethyl-	37.5	J			6.934	
000527-84-4	o-Cymene	29.1	J			7.192	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.4	J			7.669	
000587-03-1	3-Methylbenzyl alcohol	16.1	J			7.751	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	15.5	J			7.892	
	unknown8.092	12.3	J			8.092	
000586-62-9	Cyclohexene, 1-methyl-4-(1-methyle	25.1	J			8.422	
006966-10-5	3,4-Dimethylbenzyl alcohol	16.8	J			8.569	
000099-94-5	Benzoic acid, 4-methyl-	12.2	J			8.628	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	14.6	J			8.751	
000632-46-2	Benzoic acid, 2,6-dimethyl-	11.4	J			8.892	
000611-01-8	Benzoic acid, 2,4-dimethyl-	87.7	J			9.122	
039627-61-7	7-Methylindan-1-one	11.3	J			9.157	
000619-04-5	Benzoic acid, 3,4-dimethyl-	29.9	J			9.392	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	11.6	J			9.463	

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW3-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-06	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
BF138404.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	2.5	J	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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW3-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-06	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
BF138404.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW3-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-06	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
BF138404.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	72.4		10-139		48	SPK: -150
13127-88-3	Phenol-d6	44.287		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	90.236		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	82.817		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	MW3-20240626	SDG No.:	BF070124
Lab Sample ID:	P3092-06	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
BF138404.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.05		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	58.621		36-145		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183092	6.875				
1146-65-2	Naphthalene-d8	724340	8.157				
15067-26-2	Acenaphthene-d10	368738	9.91				
1517-22-2	Phenanthrene-d10	515039	11.392				
1719-03-5	Chrysene-d12	306624	14.027				
1520-96-3	Perylene-d12	279533	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6	A			5.092	
000090-00-6	Phenol, 2-ethyl-	2.4	J			7.722	
006351-10-6	1H-Inden-1-ol, 2,3-dihydro-	9.4	J			8.41	
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			8.463	
	unknown8.557	6.8	J			8.557	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	14.8	J			8.745	
035587-60-1	1-Methylindan-2-one	3.5	J			8.963	
000611-15-4	Benzene, 1-ethenyl-2-methyl-	2.6	J			9.392	
039627-61-7	7-Methylindan-1-one	2.6	J			9.469	
000496-11-7	Indane	6	J			9.492	
000057-10-3	n-Hexadecanoic acid	2.9	J			11.916	

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	MW2-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-05	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
BF138405.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	20.9		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:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	MW2-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-05	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
BF138405.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	J	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	5.9		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	20.9	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:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	MW2-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138405.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

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	4.4	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	76.918		10-139		51	SPK: -150
13127-88-3	Phenol-d6	50.056		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	89.476		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	83.318		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	MW2-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138405.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.719		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	60.685		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184159	6.875				
1146-65-2	Naphthalene-d8	721627	8.151				
15067-26-2	Acenaphthene-d10	365632	9.904				
1517-22-2	Phenanthrene-d10	496878	11.392				
1719-03-5	Chrysene-d12	307478	14.027				
1520-96-3	Perylene-d12	294064	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.8	A			5.098	
000098-82-8	Benzene, (1-methylethyl)-	4.4	J			6.045	
000103-65-1	Benzene, propyl-	3.4	J			6.334	
000611-14-3	Benzene, 1-ethyl-2-methyl-	4.6	J			6.398	
000622-96-8	Benzene, 1-ethyl-4-methyl-	10.5	J			6.428	
000526-73-8	Benzene, 1,2,3-trimethyl-	35.4	J			6.698	
000108-67-8	Mesitylene	18.5	J			6.928	
000496-11-7	Indane	31.2	J			7.051	
000141-93-5	Benzene, 1,3-diethyl-	8.7	J			7.122	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	6.1	J			7.186	
001074-17-5	Benzene, 1-methyl-2-propyl-	4.7	J			7.263	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4.7	J			7.334	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	4.9	J			7.639	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	4.7	J			7.663	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	5.8	J			7.822	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.5	J			7.892	
000539-90-2	Butanoic acid, 2-methylpropyl este	6	J			9.098	
000057-10-3	n-Hexadecanoic acid	4.9	J			11.916	

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	MW2-20240627	SDG No.:	BF070124
Lab Sample ID:	P3119-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138405.D	1	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325	SDG No.:	BF070124
Lab Sample ID:	P3115-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138406.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300	U	1300	3900	4800	ug/Kg
110-86-1	Pyridine	1200	U	1200	1900	2500	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3900	4800	ug/Kg
62-53-3	Aniline	1400	U	1400	1900	2500	ug/Kg
108-95-2	Phenol	1200	U	1200	1900	2500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200	U	1200	1900	2500	ug/Kg
95-57-8	2-Chlorophenol	1200	U	1200	1900	2500	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200	U	1200	1900	2500	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300	U	1300	1900	2500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300	U	1300	1900	2500	ug/Kg
100-51-6	Benzyl Alcohol	1200	U	1200	3900	4800	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	1900	2500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300	U	1300	1900	2500	ug/Kg
98-86-2	Acetophenone	1300	U	1300	1900	2500	ug/Kg
65794-96-9	3+4-Methylphenols	1200	U	1200	3900	4800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	590	U	590	1200	1200	ug/Kg
67-72-1	Hexachloroethane	1200	U	1200	1900	2500	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1900	2500	ug/Kg
78-59-1	Isophorone	1200	U	1200	1900	2500	ug/Kg
88-75-5	2-Nitrophenol	1400	U	1400	1900	2500	ug/Kg
105-67-9	2,4-Dimethylphenol	1400	U	1400	1900	2500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300	U	1300	1900	2500	ug/Kg
120-83-2	2,4-Dichlorophenol	1100	U	1100	1900	2500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200	U	1200	1900	2500	ug/Kg
65-85-0	Benzoic acid	3500	U	3500	3900	4800	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1900	2500	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1900	2500	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325	SDG No.:	BF070124
Lab Sample ID:	P3115-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138406.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300	U	1300	3900	4800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1900	2500	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1900	2500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	3900	4800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000	U	1000	1900	2500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	1100	1900	2500	ug/Kg
92-52-4	1,1-Biphenyl	1300	U	1300	1900	2500	ug/Kg
91-58-7	2-Chloronaphthalene	1200	U	1200	1900	2500	ug/Kg
88-74-4	2-Nitroaniline	1400	U	1400	1900	2500	ug/Kg
131-11-3	Dimethylphthalate	1200	U	1200	1900	2500	ug/Kg
208-96-8	Acenaphthylene	1300	U	1300	1900	2500	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200	U	1200	1900	2500	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	1900	2500	ug/Kg
83-32-9	Acenaphthene	1200	U	1200	1900	2500	ug/Kg
Total PAH	Total PAH	116800	U	19500	1900	40000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	3900	4800	ug/Kg
100-02-7	4-Nitrophenol	1700	U	1700	3900	4800	ug/Kg
132-64-9	Dibenzofuran	1200	U	1200	1900	2500	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	U	1300	1900	2500	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500	U	2500	1900	5000	ug/Kg
84-66-2	Diethylphthalate	1200	U	1200	1900	2500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300	U	1300	1900	2500	ug/Kg
86-73-7	Fluorene	1300	U	1300	1900	2500	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	1900	2500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700	U	1700	3900	4800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200	U	1200	1900	2500	ug/Kg
103-33-3	Azobenzene	1200	U	1200	1900	2500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	1900	2500	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1900	2500	ug/Kg
1912-24-9	Atrazine	1300	U	1300	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325	SDG No.:	BF070124
Lab Sample ID:	P3115-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138406.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	U	1100	3900	4800	ug/Kg
85-01-8	Phenanthrene	10200		1200	1900	2500	ug/Kg
120-12-7	Anthracene	2200	J	1200	1900	2500	ug/Kg
86-74-8	Carbazole	1200	U	1200	1900	2500	ug/Kg
84-74-2	Di-n-butylphthalate	1200	U	1200	1900	2500	ug/Kg
206-44-0	Fluoranthene	19400		1200	1900	2500	ug/Kg
92-87-5	Benzidine	2400	U	2400	3900	4800	ug/Kg
129-00-0	Pyrene	10900		1200	1900	2500	ug/Kg
85-68-7	Butylbenzylphthalate	1400	U	1400	1900	2500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	3900	4800	ug/Kg
56-55-3	Benzo(a)anthracene	10800		1200	1900	2500	ug/Kg
218-01-9	Chrysene	15800		1200	1900	2500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300	U	1300	1900	2500	ug/Kg
117-84-0	Di-n-octyl phthalate	1600	U	1600	3900	4800	ug/Kg
205-99-2	Benzo(b)fluoranthene	20200		1200	1900	2500	ug/Kg
207-08-9	Benzo(k)fluoranthene	8300		1200	1900	2500	ug/Kg
50-32-8	Benzo(a)pyrene	10200		1400	1900	2500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		1100	1900	2500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	J	1200	1900	2500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3800		1200	1900	2500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1900	2500	ug/Kg
123-91-1	1,4-Dioxane	1600	U	1600	1900	2500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	1100	1900	2500	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	2500	2500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.32		18-112		91	SPK: -150
13127-88-3	Phenol-d6	135.22		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	87.5		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	113.94	*	20-109		114	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325	SDG No.:	BF070124
Lab Sample ID:	P3115-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138406.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.18		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	53.79		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172672	6.875				
1146-65-2	Naphthalene-d8	637651	8.151				
15067-26-2	Acenaphthene-d10	263443	9.91				
1517-22-2	Phenanthrene-d10	297539	11.404				
1719-03-5	Chrysene-d12	287756	14.033				
1520-96-3	Perylene-d12	311127	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
006224-91-5	1-(Trimethylsilyl)-1-propyne	6500	J			9.122	
007225-67-4	Heptane, 2,2,3,3,5,6,6-heptamethyl	5700	J			9.169	
1000293-29-1	2-Azido-2,4,4,6,6,8,8-heptamethyln	12300	J			9.422	
001974-04-5	Heptane, 2-bromo-	5200	J			9.469	
	unknown9.774	5000	J			9.774	
000300-87-8	Isoxazole, 3,5-dimethyl-	9100	J			10.392	
1010309-22-7	Sulfurous acid, di(cyclohexylmethy	6200	J			10.798	
	unknown11.057	14000	J			11.057	
013287-21-3	Tridecane, 6-methyl-	7700	J			11.298	
	unknown12.221	6600	J			12.221	
1000159-08-7	4-Butoxy-2,4-dimethyl-2-pentene	10100	J			12.433	
	unknown13.933	5100	J			13.933	
	unknown15.009	10400	J			15.009	
	unknown15.351	7300	J			15.351	
000192-97-2	Benzo[e]pyrene	8800	J			15.374	
003175-23-3	Propane, 1,2,2-trichloro-	6800	J			15.762	
	unknown15.980	9300	J			15.98	
	unknown16.480	9900	J			16.48	
	unknown16.574	5400	J			16.574	

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325	SDG No.:	BF070124
Lab Sample ID:	P3115-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138406.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown18.062	7100	J			18.062	

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MS	SDG No.:	BF070124
Lab Sample ID:	P3115-12MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138407.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500	J	1300	3900	4800	ug/Kg
110-86-1	Pyridine	2100	J	1200	1900	2500	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3900	4800	ug/Kg
62-53-3	Aniline	1400	U	1400	1900	2500	ug/Kg
108-95-2	Phenol	2700		1200	1900	2500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2600		1200	1900	2500	ug/Kg
95-57-8	2-Chlorophenol	2700		1200	1900	2500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2600		1200	1900	2500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2600		1300	1900	2500	ug/Kg
106-46-7	1,4-Dichlorobenzene	2600		1300	1900	2500	ug/Kg
100-51-6	Benzyl Alcohol	2600	J	1200	3900	4800	ug/Kg
95-48-7	2-Methylphenol	2600		1200	1900	2500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2700		1300	1900	2500	ug/Kg
98-86-2	Acetophenone	2700		1300	1900	2500	ug/Kg
65794-96-9	3+4-Methylphenols	2900	J	1200	3900	4800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2800		590	1200	1200	ug/Kg
67-72-1	Hexachloroethane	2500		1200	1900	2500	ug/Kg
98-95-3	Nitrobenzene	2500		1300	1900	2500	ug/Kg
78-59-1	Isophorone	2700		1200	1900	2500	ug/Kg
88-75-5	2-Nitrophenol	2300	J	1400	1900	2500	ug/Kg
105-67-9	2,4-Dimethylphenol	2800		1400	1900	2500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2700		1300	1900	2500	ug/Kg
120-83-2	2,4-Dichlorophenol	2600		1100	1900	2500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2500		1200	1900	2500	ug/Kg
65-85-0	Benzoic acid	3500	U	3500	3900	4800	ug/Kg
91-20-3	Naphthalene	3000		1200	1900	2500	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1900	2500	ug/Kg
87-68-3	Hexachlorobutadiene	2400	J	1200	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MS	SDG No.:	BF070124
Lab Sample ID:	P3115-12MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138407.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2700	J	1300	3900	4800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		1100	1900	2500	ug/Kg
91-57-6	2-Methylnaphthalene	2900		1200	1900	2500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5800		2300	3900	4800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3000		1000	1900	2500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600		1100	1900	2500	ug/Kg
92-52-4	1,1-Biphenyl	3400		1300	1900	2500	ug/Kg
91-58-7	2-Chloronaphthalene	2900		1200	1900	2500	ug/Kg
88-74-4	2-Nitroaniline	3400		1400	1900	2500	ug/Kg
131-11-3	Dimethylphthalate	3300		1200	1900	2500	ug/Kg
208-96-8	Acenaphthylene	3800		1300	1900	2500	ug/Kg
606-20-2	2,6-Dinitrotoluene	4000		1200	1900	2500	ug/Kg
99-09-2	3-Nitroaniline	2100	J	1300	1900	2500	ug/Kg
83-32-9	Acenaphthene	3400		1200	1900	2500	ug/Kg
Total PAH	Total PAH	143300		19400	1900	40000	ug/Kg
51-28-5	2,4-Dinitrophenol	5800		3500	3900	4800	ug/Kg
100-02-7	4-Nitrophenol	3800	J	1700	3900	4800	ug/Kg
132-64-9	Dibenzofuran	3200		1200	1900	2500	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6400		2500	1900	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400	J	1300	1900	2500	ug/Kg
84-66-2	Diethylphthalate	2800		1200	1900	2500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2500		1200	1900	2500	ug/Kg
86-73-7	Fluorene	2700		1200	1900	2500	ug/Kg
100-01-6	4-Nitroaniline	2100	J	1600	1900	2500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	1700	3900	4800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3400		1200	1900	2500	ug/Kg
103-33-3	Azobenzene	2400	J	1200	1900	2500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600		1200	1900	2500	ug/Kg
118-74-1	Hexachlorobenzene	2300	J	1200	1900	2500	ug/Kg
1912-24-9	Atrazine	4000		1300	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MS	SDG No.:	BF070124
Lab Sample ID:	P3115-12MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138407.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3900	J	1100	3900	4800	ug/Kg
85-01-8	Phenanthrene	11300		1200	1900	2500	ug/Kg
120-12-7	Anthracene	4500		1200	1900	2500	ug/Kg
86-74-8	Carbazole	3700		1200	1900	2500	ug/Kg
84-74-2	Di-n-butylphthalate	3200		1200	1900	2500	ug/Kg
206-44-0	Fluoranthene	19500		1200	1900	2500	ug/Kg
92-87-5	Benzidine	2400	U	2400	3900	4800	ug/Kg
129-00-0	Pyrene	10900		1200	1900	2500	ug/Kg
85-68-7	Butylbenzylphthalate	2300	J	1400	1900	2500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500	J	1400	3900	4800	ug/Kg
56-55-3	Benzo(a)anthracene	13000		1200	1900	2500	ug/Kg
218-01-9	Chrysene	14700		1200	1900	2500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		1300	1900	2500	ug/Kg
117-84-0	Di-n-octyl phthalate	3000	J	1600	3900	4800	ug/Kg
205-99-2	Benzo(b)fluoranthene	20300		1200	1900	2500	ug/Kg
207-08-9	Benzo(k)fluoranthene	10300		1200	1900	2500	ug/Kg
50-32-8	Benzo(a)pyrene	11400		1400	1900	2500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5600		1100	1900	2500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3400		1200	1900	2500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5500		1200	1900	2500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1300	1900	2500	ug/Kg
123-91-1	1,4-Dioxane	2200	J	1600	1900	2500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000	J	1100	1900	2500	ug/Kg
90-12-0	1-Methylnaphthalene	2700		1200	2500	2500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.83		18-112		77	SPK: -150
13127-88-3	Phenol-d6	115.76		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	75.1		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	98.88		20-109		99	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MS	SDG No.:	BF070124
Lab Sample ID:	P3115-12MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138407.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.04		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	46.29		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172973	6.875				
1146-65-2	Naphthalene-d8	643571	8.157				
15067-26-2	Acenaphthene-d10	266742	9.91				
1517-22-2	Phenanthrene-d10	304412	11.404				
1719-03-5	Chrysene-d12	290800	14.033				
1520-96-3	Perylene-d12	301618	15.498				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MSD	SDG No.:	BF070124
Lab Sample ID:	P3115-12MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138408.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2600	J	1300	3900	4800	ug/Kg
110-86-1	Pyridine	2300	J	1200	1900	2500	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3900	4800	ug/Kg
62-53-3	Aniline	1400	U	1400	1900	2500	ug/Kg
108-95-2	Phenol	2800		1200	1900	2500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2800		1200	1900	2500	ug/Kg
95-57-8	2-Chlorophenol	2900		1200	1900	2500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2800		1200	1900	2500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2700		1300	1900	2500	ug/Kg
106-46-7	1,4-Dichlorobenzene	2700		1300	1900	2500	ug/Kg
100-51-6	Benzyl Alcohol	2700	J	1200	3900	4800	ug/Kg
95-48-7	2-Methylphenol	2700		1200	1900	2500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2900		1300	1900	2500	ug/Kg
98-86-2	Acetophenone	2900		1300	1900	2500	ug/Kg
65794-96-9	3+4-Methylphenols	3100	J	1200	3900	4800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2900		590	1200	1200	ug/Kg
67-72-1	Hexachloroethane	2600		1200	1900	2500	ug/Kg
98-95-3	Nitrobenzene	2600		1300	1900	2500	ug/Kg
78-59-1	Isophorone	2800		1200	1900	2500	ug/Kg
88-75-5	2-Nitrophenol	2600		1400	1900	2500	ug/Kg
105-67-9	2,4-Dimethylphenol	3100		1400	1900	2500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2900		1300	1900	2500	ug/Kg
120-83-2	2,4-Dichlorophenol	2700		1100	1900	2500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2700		1200	1900	2500	ug/Kg
65-85-0	Benzoic acid	3500	U	3500	3900	4800	ug/Kg
91-20-3	Naphthalene	3200		1200	1900	2500	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1900	2500	ug/Kg
87-68-3	Hexachlorobutadiene	2500		1200	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MSD	SDG No.:	BF070124
Lab Sample ID:	P3115-12MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138408.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3000	J	1300	3900	4800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2800		1100	1900	2500	ug/Kg
91-57-6	2-Methylnaphthalene	3100		1200	1900	2500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900		2300	3900	4800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3100		1000	1900	2500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		1100	1900	2500	ug/Kg
92-52-4	1,1-Biphenyl	3700		1300	1900	2500	ug/Kg
91-58-7	2-Chloronaphthalene	3100		1200	1900	2500	ug/Kg
88-74-4	2-Nitroaniline	3900		1400	1900	2500	ug/Kg
131-11-3	Dimethylphthalate	3400		1200	1900	2500	ug/Kg
208-96-8	Acenaphthylene	4000		1300	1900	2500	ug/Kg
606-20-2	2,6-Dinitrotoluene	4300		1200	1900	2500	ug/Kg
99-09-2	3-Nitroaniline	2300	J	1300	1900	2500	ug/Kg
83-32-9	Acenaphthene	3600		1200	1900	2500	ug/Kg
Total PAH	Total PAH	153300		19400	1900	40000	ug/Kg
51-28-5	2,4-Dinitrophenol	5900		3500	3900	4800	ug/Kg
100-02-7	4-Nitrophenol	4100	J	1700	3900	4800	ug/Kg
132-64-9	Dibenzofuran	3500		1200	1900	2500	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400	J	1300	1900	2500	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6700		2500	1900	5000	ug/Kg
84-66-2	Diethylphthalate	3100		1200	1900	2500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2600		1300	1900	2500	ug/Kg
86-73-7	Fluorene	2900		1200	1900	2500	ug/Kg
100-01-6	4-Nitroaniline	2100	J	1600	1900	2500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	1700	3900	4800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3600		1200	1900	2500	ug/Kg
103-33-3	Azobenzene	2500		1200	1900	2500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900		1200	1900	2500	ug/Kg
118-74-1	Hexachlorobenzene	2500		1200	1900	2500	ug/Kg
1912-24-9	Atrazine	3700		1300	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MSD	SDG No.:	BF070124
Lab Sample ID:	P3115-12MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138408.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	J	1100	3900	4800	ug/Kg
85-01-8	Phenanthrene	11900		1200	1900	2500	ug/Kg
120-12-7	Anthracene	5000		1200	1900	2500	ug/Kg
86-74-8	Carbazole	4200		1200	1900	2500	ug/Kg
84-74-2	Di-n-butylphthalate	3500		1200	1900	2500	ug/Kg
206-44-0	Fluoranthene	21000		1200	1900	2500	ug/Kg
92-87-5	Benzidine	2400	U	2400	3900	4800	ug/Kg
129-00-0	Pyrene	11500		1200	1900	2500	ug/Kg
85-68-7	Butylbenzylphthalate	2200	J	1400	1900	2500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	J	1400	3900	4800	ug/Kg
56-55-3	Benzo(a)anthracene	13800		1200	1900	2500	ug/Kg
218-01-9	Chrysene	15800		1200	1900	2500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		1300	1900	2500	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	J	1600	3900	4800	ug/Kg
205-99-2	Benzo(b)fluoranthene	21800		1200	1900	2500	ug/Kg
207-08-9	Benzo(k)fluoranthene	11000		1200	1900	2500	ug/Kg
50-32-8	Benzo(a)pyrene	12100		1400	1900	2500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6100		1100	1900	2500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3700		1200	1900	2500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5900		1200	1900	2500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3100		1300	1900	2500	ug/Kg
123-91-1	1,4-Dioxane	2200	J	1600	1900	2500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200	J	1100	1900	2500	ug/Kg
90-12-0	1-Methylnaphthalene	2800		1200	2500	2500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.58		18-112		82	SPK: -150
13127-88-3	Phenol-d6	124.44		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	81.71		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	106.72		20-109		107	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	VNJ-325MSD	SDG No.:	BF070124
Lab Sample ID:	P3115-12MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138408.D	10	6/28/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.99		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	50.78		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171983	6.875				
1146-65-2	Naphthalene-d8	640603	8.157				
15067-26-2	Acenaphthene-d10	261372	9.91				
1517-22-2	Phenanthrene-d10	299736	11.404				
1719-03-5	Chrysene-d12	288909	14.033				
1520-96-3	Perylene-d12	289056	15.498				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF070124
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	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
BF138409.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.7	U	96.7	300	370	ug/Kg
110-86-1	Pyridine	89	U	89	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.3	U	92.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	93	U	93	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.8	U	95.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.3	U	96.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.4	U	92.4	300	370	ug/Kg
95-48-7	2-Methylphenol	89.8	U	89.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.8	U	96.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.9	U	88.9	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89.1	89.1	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.1	U	84.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.1	U	95.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	92	U	92	140	190	ug/Kg
106-47-8	4-Chloroaniline	92	U	92	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.8	U	92.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF070124
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138409.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.7	U	96.7	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.9	U	91.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.8	U	92.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	91	U	91	140	190	ug/Kg
208-96-8	Acenaphthylene	96.3	U	96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.7	U	92.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	U	99.3	140	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	140	190	ug/Kg
Total PAH	Total PAH	4250	U	1472	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94	U	94	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.7	U	188.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96	U	96	140	190	ug/Kg
84-66-2	Diethylphthalate	89.2	U	89.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	140	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	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	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.9	U	90.9	140	190	ug/Kg
103-33-3	Azobenzene	88.6	U	88.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.9	U	87.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.7	U	94.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF070124
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	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
BF138409.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.1	U	86.1	300	370	ug/Kg
85-01-8	Phenanthrene	700		93.5	140	190	ug/Kg
120-12-7	Anthracene	200		94	140	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.9	U	93.9	140	190	ug/Kg
206-44-0	Fluoranthene	970		91	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	440		92.4	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	370	ug/Kg
56-55-3	Benzo(a)anthracene	380		89.9	140	190	ug/Kg
218-01-9	Chrysene	320		88.5	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	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		90.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	92	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	330		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	87	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	89.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.7	U	96.7	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	83.2	U	83.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.7	U	92.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.968		18-112		53	SPK: -150
13127-88-3	Phenol-d6	78.311		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.018		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	51.605		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF070124
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	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
BF138409.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.156		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	31.944		14-112		32	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198390	6.875				
1146-65-2	Naphthalene-d8	764564	8.151				
15067-26-2	Acenaphthene-d10	357846	9.904				
1517-22-2	Phenanthrene-d10	458720	11.392				
1719-03-5	Chrysene-d12	354982	14.027				
1520-96-3	Perylene-d12	298699	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.181	
004254-15-3	(S)-(+)-1,2-Propanediol	200	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.463	
	unknown10.004	85.7	J			10.004	
000610-48-0	Anthracene, 1-methyl-	180	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.004	
074685-30-6	5-Eicosene, (E)-	140	J			13.868	
000629-78-7	Heptadecane	74.6	J			14.492	
000192-97-2	Benzo[e]pyrene	85.4	J			15.174	
000205-82-3	Benzo[j]fluoranthene	300	J			15.368	

Report of Analysis

Client:				Date Collected:	6/25/2024 12:00:00 AM		
Project:				Date Received:	6/25/2024 12:00:00 AM		
Client Sample ID:	1-S-1			SDG No.:	BF070124		
Lab Sample ID:	P3077-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.1		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138410.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.5	U	97.5	300	370	ug/Kg
110-86-1	Pyridine	89.8	U	89.8	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.2	U	93.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.1	U	94.1	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.8	U	93.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.1	U	95.1	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.3	U	93.3	300	370	ug/Kg
95-48-7	2-Methylphenol	90.6	U	90.6	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.7	U	97.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.7	U	89.7	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.9	89.9	ug/Kg
67-72-1	Hexachloroethane	93.3	U	93.3	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.1	U	95.1	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.4	U	96.4	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.8	U	84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96	U	96	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.8	U	92.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.8	U	92.8	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.6	U	93.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF070124
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138410.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.5	U	97.5	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.1	U	87.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.7	U	92.7	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.2	U	80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.2	U	83.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.2	U	98.2	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.6	U	93.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.8	U	91.8	150	190	ug/Kg
208-96-8	Acenaphthylene	97.2	U	97.2	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.5	U	93.5	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.1	U	91.1	150	190	ug/Kg
Total PAH	Total PAH	1484.4	U	1484.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.8	U	94.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.9	U	96.9	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.4	U	190.4	150	380	ug/Kg
84-66-2	Diethylphthalate	90	U	90	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.2	U	96.2	150	190	ug/Kg
86-73-7	Fluorene	96.1	U	96.1	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.7	U	91.7	150	190	ug/Kg
103-33-3	Azobenzene	89.4	U	89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.7	U	88.7	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.5	U	95.5	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF070124
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138410.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.9	U	86.9	300	370	ug/Kg
85-01-8	Phenanthrene	110	J	94.4	150	190	ug/Kg
120-12-7	Anthracene	94.8	U	94.8	150	190	ug/Kg
86-74-8	Carbazole	90.2	U	90.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.7	U	94.7	150	190	ug/Kg
206-44-0	Fluoranthene	210		91.8	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	100	J	93.3	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.7	U	90.7	150	190	ug/Kg
218-01-9	Chrysene	93.3	J	89.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	91.1	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.8	U	92.8	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.8	U	87.8	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.2	U	91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	U	90	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5	U	97.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.9	U	83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.5	U	93.5	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.929		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.583		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	47.667		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	44.528		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF070124
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138410.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.862		10-110		40	SPK: -150
1718-51-0	Terphenyl-d14	27.343		14-112		27	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200972	6.875				
1146-65-2	Naphthalene-d8	773826	8.151				
15067-26-2	Acenaphthene-d10	354402	9.904				
1517-22-2	Phenanthrene-d10	459742	11.392				
1719-03-5	Chrysene-d12	362967	14.027				
1520-96-3	Perylene-d12	298110	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.181	
000057-55-6	Propylene Glycol	150	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	87.3	J			8.463	
000057-10-3	n-Hexadecanoic acid	85.8	J			11.916	
001599-67-3	1-Docosene	130	J			13.868	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF070124
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138411.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.8	U	95.8	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	91.5	U	91.5	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	94.9	U	94.9	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.6	U	91.6	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	95.9	U	95.9	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	91.6	U	91.6	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	94.7	U	94.7	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.3	U	83.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.2	U	94.2	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	91.9	U	91.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF070124
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138411.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.8	U	95.8	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.5	U	85.5	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91	U	91	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.8	U	78.8	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	91.9	U	91.9	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	91.8	U	91.8	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.4	U	98.4	140	190	ug/Kg
83-32-9	Acenaphthene	89.5	U	89.5	140	190	ug/Kg
Total PAH	Total PAH	1459.9	U	1459.9	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	93.1	U	93.1	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	186.9	U	186.9	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.1	U	95.1	140	190	ug/Kg
84-66-2	Diethylphthalate	88.4	U	88.4	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	87.8	U	87.8	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.1	U	87.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.8	U	93.8	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF070124
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138411.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.3	U	85.3	300	360	ug/Kg
85-01-8	Phenanthrene	180	J	92.7	140	190	ug/Kg
120-12-7	Anthracene	93.1	U	93.1	140	190	ug/Kg
86-74-8	Carbazole	88.6	U	88.6	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	140	190	ug/Kg
206-44-0	Fluoranthene	310		90.2	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	140	J	91.6	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	1500		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	89.1	140	190	ug/Kg
218-01-9	Chrysene	110	J	87.7	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	160	J	89.5	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	120	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.2	U	86.2	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.6	U	89.6	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.4	U	88.4	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.8	U	95.8	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	82.4	U	82.4	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.8	U	91.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.065		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.181		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.321		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	46.34		20-109		46	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF070124
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138411.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	60.043		10-110		40	SPK: -150
1718-51-0	Terphenyl-d14	28.593		14-112		29	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192793	6.875				
1146-65-2	Naphthalene-d8	724916	8.157				
15067-26-2	Acenaphthene-d10	328206	9.904				
1517-22-2	Phenanthrene-d10	419588	11.392				
1719-03-5	Chrysene-d12	352765	14.027				
1520-96-3	Perylene-d12	281800	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.181	
000057-55-6	Propylene Glycol	74.3	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	86.8	J			8.463	
000057-10-3	n-Hexadecanoic acid	110	J			11.916	
001599-67-3	1-Docosene	170	J			13.868	
000629-99-2	Pentacosane	90.5	J			14.492	
000192-97-2	Benzo[e]pyrene	97.5	J			15.368	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF070124
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138412.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.1	U	96.1	300	370	ug/Kg
110-86-1	Pyridine	88.4	U	88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.8	U	91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.6	U	92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.4	U	92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.9	U	91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.2	U	96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.3	U	88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.6	U	93.6	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	95	U	95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.6	U	83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.5	U	94.5	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.4	U	91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.4	U	91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF070124
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138412.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.1	U	96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.8	U	85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.3	U	91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.7	U	96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.4	U	90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	95.7	U	95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.7	U	98.7	140	190	ug/Kg
Total PAH	Total PAH	1463.8	U	1463.8	140	3040	ug/Kg
83-32-9	Acenaphthene	89.8	U	89.8	140	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.4	U	93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	187.5	U	187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	88.7	U	88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.8	U	94.8	140	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	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	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.3	U	90.3	140	190	ug/Kg
103-33-3	Azobenzene	88.1	U	88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.3	U	87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.1	U	94.1	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF070124
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138412.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.6	U	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	170	J	93	140	190	ug/Kg
120-12-7	Anthracene	93.4	U	93.4	140	190	ug/Kg
86-74-8	Carbazole	88.9	U	88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	140	190	ug/Kg
206-44-0	Fluoranthene	330		90.4	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	150	J	91.9	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	370	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	89.3	140	190	ug/Kg
218-01-9	Chrysene	130	J	88	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	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.4	U	91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.5	U	86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.9	U	89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.7	U	88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.1	U	96.1	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	82.7	U	82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.1	U	92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.058		18-112		49	SPK: -150
13127-88-3	Phenol-d6	69.562		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	49.3		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	46.662		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF070124
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138412.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.371		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	28.348		14-112		28	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198307	6.875				
1146-65-2	Naphthalene-d8	725707	8.151				
15067-26-2	Acenaphthene-d10	318295	9.904				
1517-22-2	Phenanthrene-d10	424049	11.392				
1719-03-5	Chrysene-d12	353981	14.027				
1520-96-3	Perylene-d12	279265	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000067-63-0	Isopropyl Alcohol	98.1	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	100	J			8.463	
	unknown10.004	75.6	J			10.004	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	110	J			10.798	
000057-10-3	n-Hexadecanoic acid	120	J			11.916	
000295-48-7	Cyclopentadecane	170	J			13.868	
000629-94-7	Heneicosane	81.2	J			14.492	

Report of Analysis

Client:				Date Collected:	6/25/2024 12:00:00 AM		
Project:				Date Received:	6/25/2024 12:00:00 AM		
Client Sample ID:	1-N-1			SDG No.:	BF070124		
Lab Sample ID:	P3077-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.8		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138413.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.6	U	93.6	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.1	U	97.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.1	U	98.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.8	U	97.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.1	U	99.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.3	U	97.3	320	390	ug/Kg
95-48-7	2-Methylphenol	94.4	U	94.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.5	U	93.5	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.7	93.7	ug/Kg
67-72-1	Hexachloroethane	97.3	U	97.3	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.1	U	99.1	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.5	U	88.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.8	U	96.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.8	U	96.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.6	U	97.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF070124
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138413.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.8	U	90.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.7	U	96.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.7	U	83.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.7	U	86.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.6	U	97.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.7	U	95.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.5	U	97.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95	U	95	150	200	ug/Kg
Total PAH	Total PAH	3490	U	1552.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	98.9	U	98.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.5	U	197.5	150	400	ug/Kg
84-66-2	Diethylphthalate	93.9	U	93.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.6	U	95.6	150	200	ug/Kg
103-33-3	Azobenzene	93.3	U	93.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.5	U	92.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.6	U	99.6	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF070124
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138413.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.6	U	90.6	320	390	ug/Kg
85-01-8	Phenanthrene	440		98.4	150	200	ug/Kg
120-12-7	Anthracene	120	J	98.9	150	200	ug/Kg
86-74-8	Carbazole	94.1	U	94.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.8	U	98.8	150	200	ug/Kg
206-44-0	Fluoranthene	830		95.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	360		97.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	330		94.6	150	200	ug/Kg
218-01-9	Chrysene	280		93.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		95	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	96.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	91.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.1	U	95.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	93.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.5	U	87.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.5	U	97.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.54		18-112		52	SPK: -150
13127-88-3	Phenol-d6	74.516		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.174		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	49.178		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF070124
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138413.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.871		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	30.761		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185011	6.875				
1146-65-2	Naphthalene-d8	685244	8.157				
15067-26-2	Acenaphthene-d10	298797	9.904				
1517-22-2	Phenanthrene-d10	399212	11.392				
1719-03-5	Chrysene-d12	340766	14.027				
1520-96-3	Perylene-d12	270439	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.175	
000057-55-6	Propylene Glycol	83.6	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	100	J			8.463	
	unknown10.004	89.4	J			10.004	
000610-48-0	Anthracene, 1-methyl-	180	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.004	
001599-67-3	1-Docosene	140	J			13.868	
000192-97-2	Benzo[e]pyrene	200	J			15.368	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF070124
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138414.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.7	U	95.7	300	360	ug/Kg
110-86-1	Pyridine	88.1	U	88.1	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	91.4	U	91.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.3	U	92.3	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.1	U	92.1	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.3	U	93.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.8	U	94.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.4	U	95.4	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.5	U	91.5	300	360	ug/Kg
95-48-7	2-Methylphenol	88.9	U	88.9	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.8	U	95.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88	U	88	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.4	U	44.4	88.2	88.2	ug/Kg
67-72-1	Hexachloroethane	91.5	U	91.5	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.3	U	93.3	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	94.6	U	94.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.2	U	83.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.1	U	94.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91.1	U	91.1	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.1	U	91.1	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.8	U	91.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF070124
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138414.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.7	U	95.7	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.4	U	85.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.9	U	90.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.7	U	78.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.6	U	81.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.3	U	96.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.8	U	91.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.1	U	90.1	140	190	ug/Kg
208-96-8	Acenaphthylene	95.4	U	95.4	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.7	U	91.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.3	U	98.3	140	190	ug/Kg
83-32-9	Acenaphthene	89.4	U	89.4	140	190	ug/Kg
Total PAH	Total PAH	1458.4	U	1458.4	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	U	93	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95	U	95	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.7	U	186.7	140	380	ug/Kg
84-66-2	Diethylphthalate	88.3	U	88.3	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.4	U	94.4	140	190	ug/Kg
86-73-7	Fluorene	94.3	U	94.3	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	U	90	140	190	ug/Kg
103-33-3	Azobenzene	87.8	U	87.8	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.7	U	93.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF070124
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138414.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.2	U	85.2	300	360	ug/Kg
85-01-8	Phenanthrene	100	J	92.6	140	190	ug/Kg
120-12-7	Anthracene	93	U	93	140	190	ug/Kg
86-74-8	Carbazole	88.5	U	88.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.9	U	92.9	140	190	ug/Kg
206-44-0	Fluoranthene	180	J	90.1	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.5	U	91.5	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	U	89	140	190	ug/Kg
218-01-9	Chrysene	87.6	U	87.6	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	89.4	U	89.4	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.1	U	91.1	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	86.1	U	86.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.5	U	89.5	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.3	U	88.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.7	U	95.7	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	82.3	U	82.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.7	U	91.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.368		18-112		54	SPK: -150
13127-88-3	Phenol-d6	77.761		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.359		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	56.516		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF070124
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138414.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.362		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	33.381		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193270	6.875				
1146-65-2	Naphthalene-d8	712949	8.157				
15067-26-2	Acenaphthene-d10	308297	9.904				
1517-22-2	Phenanthrene-d10	412740	11.392				
1719-03-5	Chrysene-d12	364782	14.027				
1520-96-3	Perylene-d12	277029	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.098	
	unknown10.004	79.7	J			10.004	
000057-10-3	n-Hexadecanoic acid	99.2	J			11.916	
074022-04-1	2,4a,8,8-Tetramethyldecahydrocyclo	120	J			13.457	
1000131-11-8	Z-5-Nonadecene	190	J			13.868	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF070124
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138415.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.5	U	95.5	300	360	ug/Kg
110-86-1	Pyridine	87.9	U	87.9	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	91.2	U	91.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.1	U	92.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.9	U	91.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.1	U	93.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.7	U	94.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.3	U	91.3	300	360	ug/Kg
95-48-7	2-Methylphenol	88.7	U	88.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.6	U	95.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.8	U	87.8	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.4	U	44.4	88	88	ug/Kg
67-72-1	Hexachloroethane	91.3	U	91.3	140	190	ug/Kg
98-95-3	Nitrobenzene	99.9	U	99.9	140	190	ug/Kg
78-59-1	Isophorone	93.1	U	93.1	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	94.4	U	94.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.1	U	83.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94	U	94	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.9	U	90.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.9	U	90.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.7	U	91.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF070124
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138415.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.5	U	95.5	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.3	U	85.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.8	U	90.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.6	U	78.6	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.4	U	81.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.2	U	96.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.7	U	91.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.9	U	89.9	140	190	ug/Kg
208-96-8	Acenaphthylene	95.2	U	95.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.6	U	91.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.2	U	98.2	140	190	ug/Kg
83-32-9	Acenaphthene	89.3	U	89.3	140	190	ug/Kg
Total PAH	Total PAH	1456.1	U	1456.1	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	92.9	U	92.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	186.5	U	186.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.9	U	94.9	140	190	ug/Kg
84-66-2	Diethylphthalate	88.2	U	88.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.2	U	94.2	140	190	ug/Kg
86-73-7	Fluorene	94.1	U	94.1	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	89.8	U	89.8	140	190	ug/Kg
103-33-3	Azobenzene	87.6	U	87.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.8	U	86.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.6	U	93.6	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF070124
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138415.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.1	U	85.1	300	360	ug/Kg
85-01-8	Phenanthrene	92.4	U	92.4	140	190	ug/Kg
120-12-7	Anthracene	92.9	U	92.9	140	190	ug/Kg
86-74-8	Carbazole	88.4	U	88.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.8	U	92.8	140	190	ug/Kg
206-44-0	Fluoranthene	220		89.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	98.2	J	91.3	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	93.9	J	88.8	140	190	ug/Kg
218-01-9	Chrysene	87.5	U	87.5	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	120	J	89.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.9	U	90.9	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	U	86	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.4	U	89.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.2	U	88.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.5	U	95.5	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	82.2	U	82.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.6	U	91.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.061		18-112		51	SPK: -150
13127-88-3	Phenol-d6	73.1		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	52.324		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	56.08		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF070124
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138415.D	1	6/27/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.883		10-110		42	SPK: -150
1718-51-0	Terphenyl-d14	32.991		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177342	6.875				
1146-65-2	Naphthalene-d8	650167	8.157				
15067-26-2	Acenaphthene-d10	277471	9.904				
1517-22-2	Phenanthrene-d10	379410	11.392				
1719-03-5	Chrysene-d12	339364	14.027				
1520-96-3	Perylene-d12	253630	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.092	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	83.3	J			10.798	
079392-43-1	Octadecyl trifluoroacetate	150	J			13.868	



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	OSTL-D3RE			SDG No.:	BF070124	
Lab Sample ID:	P2977-21RE			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.3	
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138416.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.8	U	99.8	310	380	ug/Kg
110-86-1	Pyridine	91.9	U	91.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.3	U	95.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.3	U	96.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	96	U	96	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.3	U	97.3	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.9	U	98.9	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.5	U	99.5	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.4	U	95.4	310	380	ug/Kg
95-48-7	2-Methylphenol	92.7	U	92.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	99.9	U	99.9	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	91.8	U	91.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.3	U	46.3	92	92	ug/Kg
67-72-1	Hexachloroethane	95.4	U	95.4	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.3	U	97.3	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98.7	U	98.7	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	86.8	U	86.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.2	U	98.2	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95	U	95	150	200	ug/Kg
106-47-8	4-Chloroaniline	95	U	95	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	95.8	U	95.8	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D3RE	SDG No.:	BF070124
Lab Sample ID:	P2977-21RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138416.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.8	U	99.8	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.1	U	89.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.1	U	82.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.1	U	85.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	95.8	U	95.8	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	150	200	ug/Kg
208-96-8	Acenaphthylene	99.5	U	99.5	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.7	U	95.7	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93.3	U	93.3	150	200	ug/Kg
Total PAH	Total PAH	1966.9	U	1527	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97.1	U	97.1	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.8	U	194.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.1	U	99.1	150	200	ug/Kg
84-66-2	Diethylphthalate	92.1	U	92.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.4	U	98.4	150	200	ug/Kg
86-73-7	Fluorene	98.3	U	98.3	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.8	U	93.8	150	200	ug/Kg
103-33-3	Azobenzene	91.5	U	91.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.7	U	90.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	97.7	U	97.7	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D3RE	SDG No.:	BF070124
Lab Sample ID:	P2977-21RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138416.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.9	U	88.9	310	380	ug/Kg
85-01-8	Phenanthrene	120	J	96.6	150	200	ug/Kg
120-12-7	Anthracene	97.1	U	97.1	150	200	ug/Kg
86-74-8	Carbazole	92.3	U	92.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	96.9	U	96.9	150	200	ug/Kg
206-44-0	Fluoranthene	470		94	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	210		95.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	92.8	150	200	ug/Kg
218-01-9	Chrysene	180	J	91.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		93.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.9	J	95	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	89.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.4	U	93.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	92.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.8	U	99.8	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.9	U	85.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	95.7	U	95.7	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.497		18-112		50	SPK: -150
13127-88-3	Phenol-d6	68.67		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	52.166		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	57.494		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D3RE	SDG No.:	BF070124
Lab Sample ID:	P2977-21RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138416.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.875		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	37.949		14-112		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178874	6.875				
1146-65-2	Naphthalene-d8	607816	8.157				
15067-26-2	Acenaphthene-d10	241088	9.904				
1517-22-2	Phenanthrene-d10	377222	11.392				
1719-03-5	Chrysene-d12	320431	14.027				
1520-96-3	Perylene-d12	232217	15.492				

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OSTL-D3RE								
P2977-21RE	OSTL-D3RE	Solid	Benzo(a)anthracene	190.000	J	92.8	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Benzo(a)pyrene	190.000	J	110	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Benzo(b)fluoranthene	250.000		93.3	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Benzo(g,h,i)perylene	140.000	J	92.1	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Benzo(k)fluoranthene	96.900	J	95	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Bis(2-ethylhexyl)phthalate	190.000	J	100	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Chrysene	180.000	J	91.4	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Fluoranthene	470.000		94	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	89.8	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Phenanthrene	120.000	J	96.6	200	ug/Kg
P2977-21RE	OSTL-D3RE	Solid	Pyrene	210.000		95.4	200	ug/Kg

Total Svoc :

2,156.90

Total Concentration:

2,156.90

Client ID : MW12-20240625

P3073-02	MW12-20240625	Water	Anthracene, 2-methyl-	*	10.600	J		
P3073-02	MW12-20240625	Water	Benzene, (1-methylethyl)-	*	41.600	J		
P3073-02	MW12-20240625	Water	Benzene, (2-bromocyclopropyl)-	*	19.600	J		
P3073-02	MW12-20240625	Water	Benzene, 1,2,3-trimethyl-	*	120.000	J		
P3073-02	MW12-20240625	Water	Benzene, 1,3-diethyl-	*	39.200	J		
P3073-02	MW12-20240625	Water	Benzene, 1,4-diethyl-	*	32.100	J		
P3073-02	MW12-20240625	Water	Benzene, 1-ethyl-2-methyl-	*	22.300	J		
P3073-02	MW12-20240625	Water	Benzene, 1-ethyl-4-methyl-	*	62.500	J		
P3073-02	MW12-20240625	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	26.300	J		
P3073-02	MW12-20240625	Water	Benzene, propyl-	*	41.800	J		
P3073-02	MW12-20240625	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P3073-02	MW12-20240625	Water	Ethylbenzene	*	98.500	J		
P3073-02	MW12-20240625	Water	Indane	*	210.000	J		
P3073-02	MW12-20240625	Water	Mesitylene	*	80.300	J		
P3073-02	MW12-20240625	Water	Naphthalene, 1,2-dimethyl-	*	19.900	J		
P3073-02	MW12-20240625	Water	Naphthalene, 1,6-dimethyl-	*	26.800	J		
P3073-02	MW12-20240625	Water	Naphthalene, 1-ethyl-	*	17.500	J		
P3073-02	MW12-20240625	Water	Naphthalene, 2,3-dimethyl-	*	39.200	J		
P3073-02	MW12-20240625	Water	Naphthalene, 2,6-dimethyl-	*	11.300	J		

Total Tics :

1,049.50

P3073-02	MW12-20240625	Water	1,1-Biphenyl		36.300		0.92	5.1	ug/L
P3073-02	MW12-20240625	Water	1-Methylnaphthalene		230.000	E	0.87	5.1	ug/L
P3073-02	MW12-20240625	Water	2-Methylnaphthalene		81.900	E	1.1	5.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3073-02	MW12-20240625	Water	Acenaphthene	50.200		0.82	5.1	ug/L
P3073-02	MW12-20240625	Water	Acenaphthylene	3.800	J	1.1	5.1	ug/L
P3073-02	MW12-20240625	Water	Anthracene	8.400		1.1	5.1	ug/L
P3073-02	MW12-20240625	Water	Carbazole	2.000	J	1.2	5.1	ug/L
P3073-02	MW12-20240625	Water	Dibenzofuran	2.700	J	0.94	5.1	ug/L
P3073-02	MW12-20240625	Water	Fluoranthene	2.800	J	1.3	5.1	ug/L
P3073-02	MW12-20240625	Water	Fluorene	22.500		0.97	5.1	ug/L
P3073-02	MW12-20240625	Water	Naphthalene	340.000	E	1	5.1	ug/L
P3073-02	MW12-20240625	Water	Phenanthrene	36.000		0.9	5.1	ug/L
P3073-02	MW12-20240625	Water	Pyrene	3.800	J	1.1	5.1	ug/L
P3073-02	MW12-20240625	Water	Total PAH	467.000		17.61	81.6	ug/L
Total Svoc :				1,287.40				
Total Concentration:				2,336.90				

Client ID : MW14-20240625

P3073-03	MW14-20240625	Water	1,4-Dihydronaphthalene	*	120.000	J		
P3073-03	MW14-20240625	Water	1H-Indene, 1,1-dimethyl-	*	96.000	J		
P3073-03	MW14-20240625	Water	1H-Indene, 1,3-dimethyl-	*	48.000	J		
P3073-03	MW14-20240625	Water	1H-Indene, 1-methyl-	*	570.000	J		
P3073-03	MW14-20240625	Water	1H-Indene, 2,3-dihydro-4-methyl-	*	200.000	J		
P3073-03	MW14-20240625	Water	1H-Indene, 2,3-dimethyl-	*	75.900	J		
P3073-03	MW14-20240625	Water	5H-Benzocycloheptene, 6,7-dihyd	*	59.500	J		
P3073-03	MW14-20240625	Water	Benzene, (1-methylethyl)-	*	48.900	J		
P3073-03	MW14-20240625	Water	Benzene, 1,2,3,4-tetramethyl-	*	130.000	J		
P3073-03	MW14-20240625	Water	Benzene, 1,2,4,5-tetramethyl-	*	81.600	J		
P3073-03	MW14-20240625	Water	Benzene, 1,2,4-trimethyl-	*	120.000	J		
P3073-03	MW14-20240625	Water	Benzene, 1,4-diethyl-	*	52.500	J		
P3073-03	MW14-20240625	Water	Benzene, 1-ethyl-2-methyl-	*	91.600	J		
P3073-03	MW14-20240625	Water	Benzene, 4-ethenyl-1,2-dimethyl-	*	49.900	J		
P3073-03	MW14-20240625	Water	Butane, 2-methoxy-2-methyl-	*	140.000	J		
P3073-03	MW14-20240625	Water	Indane	*	190.000	J		
P3073-03	MW14-20240625	Water	Mesitylene	*	250.000	J		
P3073-03	MW14-20240625	Water	Naphthalene, 2,3-dimethyl-	*	46.000	J		
P3073-03	MW14-20240625	Water	unknown10.010	*	45.900	J		
P3073-03	MW14-20240625	Water	unknown8.639	*	77.900	J		

Total Tics : 2,493.70

P3073-03	MW14-20240625	Water	1,1-Biphenyl		18.000	0.93	5.1	ug/L
P3073-03	MW14-20240625	Water	1-Methylnaphthalene	E	300.000	0.88	5.1	ug/L
P3073-03	MW14-20240625	Water	2-Methylnaphthalene	E	280.000	1.2	5.1	ug/L
P3073-03	MW14-20240625	Water	Acenaphthene		60.100	0.83	5.1	ug/L
P3073-03	MW14-20240625	Water	Anthracene		7.700	1.1	5.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3073-03	MW14-20240625	Water	Fluoranthene	2.400	J	1.3	5.1	ug/L
P3073-03	MW14-20240625	Water	Fluorene	22.400		0.98	5.1	ug/L
P3073-03	MW14-20240625	Water	Naphthalene	760.000	E	1	5.1	ug/L
P3073-03	MW14-20240625	Water	Phenanthrene	37.600		0.91	5.1	ug/L
P3073-03	MW14-20240625	Water	Pyrene	3.300	J	1.1	5.1	ug/L
P3073-03	MW14-20240625	Water	Total PAH	893.000		17.66	81.6	ug/L
Total Svoc :				2,384.50				
Total Concentration:				4,878.20				

Client ID : 7-N-1

P3076-01	7-N-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P3076-01	7-N-1	Solid	Benzenesulfonamide, N,4-dimethy *	83.300	J			
P3076-01	7-N-1	Solid	Butane, 2-methoxy-2-methyl- *	1,800.000	J			
P3076-01	7-N-1	Solid	Octadecyl trifluoroacetate *	150.000	J			
Total Tics :				2,243.30				
P3076-01	7-N-1	Solid	Benzo(a)anthracene	93.900	J	88.8	190	ug/Kg
P3076-01	7-N-1	Solid	Benzo(b)fluoranthene	120.000	J	89.3	190	ug/Kg
P3076-01	7-N-1	Solid	Fluoranthene	220.000		89.9	190	ug/Kg
P3076-01	7-N-1	Solid	Pyrene	98.200	J	91.3	190	ug/Kg
Total Svoc :				532.10				
Total Concentration:				2,775.40				

Client ID : 7-W-1

P3076-04	7-W-1	Solid	2,4a,8,8-Tetramethyldecahydrocyc *	120.000	J			
P3076-04	7-W-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P3076-04	7-W-1	Solid	Butane, 2-methoxy-2-methyl- *	1,800.000	J			
P3076-04	7-W-1	Solid	n-Hexadecanoic acid *	99.200	J			
P3076-04	7-W-1	Solid	unknown10.004 *	79.700	J			
P3076-04	7-W-1	Solid	Z-5-Nonadecene *	190.000	J			
Total Tics :				2,508.90				
P3076-04	7-W-1	Solid	Fluoranthene	180.000	J	90.1	190	ug/Kg
P3076-04	7-W-1	Solid	Phenanthrene	100.000	J	92.6	190	ug/Kg
Total Svoc :				280.00				
Total Concentration:				2,788.90				

Client ID : 7-B-1

P3076-13	7-B-1	Solid	(S)-(+)-1,2-Propanediol *	200.000	J			
P3076-13	7-B-1	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P3076-13	7-B-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	230.000	A			
P3076-13	7-B-1	Solid	4H-Cyclopenta[def]phenanthrene *	130.000	J			
P3076-13	7-B-1	Solid	5-Eicosene, (E)- *	140.000	J			
P3076-13	7-B-1	Solid	Anthracene, 1-methyl- *	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3076-13	7-B-1	Solid	Benzo[e]pyrene	*	85.400	J		
P3076-13	7-B-1	Solid	Benzo[j]fluoranthene	*	300.000	J		
P3076-13	7-B-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3076-13	7-B-1	Solid	Heptadecane	*	74.600	J		
P3076-13	7-B-1	Solid	unknown10.004	*	85.700	J		
Total Tics :					3,235.70			
P3076-13	7-B-1	Solid	Anthracene		200.000	94	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(a)anthracene		380.000	89.9	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(a)pyrene		330.000	100	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(b)fluoranthene		430.000	90.3	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(g,h,i)perylene		170.000	J 89.2	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(k)fluoranthene		170.000	J 92	190	ug/Kg
P3076-13	7-B-1	Solid	Chrysene		320.000	88.5	190	ug/Kg
P3076-13	7-B-1	Solid	Fluoranthene		970.000	91	190	ug/Kg
P3076-13	7-B-1	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 87	190	ug/Kg
P3076-13	7-B-1	Solid	Phenanthrene		700.000	93.5	190	ug/Kg
P3076-13	7-B-1	Solid	Pyrene		440.000	92.4	190	ug/Kg

Total Svoc : 4,250.00

Total Concentration: 7,485.70

Client ID : 1-N-1

P3077-01	1-N-1	Solid	1-Docosene	*	140.000	J		
P3077-01	1-N-1	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3077-01	1-N-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P3077-01	1-N-1	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3077-01	1-N-1	Solid	Anthracene, 1-methyl-	*	180.000	J		
P3077-01	1-N-1	Solid	Benzo[e]pyrene	*	200.000	J		
P3077-01	1-N-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3077-01	1-N-1	Solid	Propylene Glycol	*	83.600	J		
P3077-01	1-N-1	Solid	unknown10.004	*	89.400	J		
Total Tics :					2,943.00			
P3077-01	1-N-1	Solid	Anthracene		120.000	J 98.9	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(a)anthracene		330.000	94.6	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(a)pyrene		290.000	110	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(b)fluoranthene		380.000	95	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(g,h,i)perylene		160.000	J 93.9	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(k)fluoranthene		160.000	J 96.8	200	ug/Kg
P3077-01	1-N-1	Solid	Chrysene		280.000	93.2	200	ug/Kg
P3077-01	1-N-1	Solid	Fluoranthene		830.000	95.7	200	ug/Kg
P3077-01	1-N-1	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 91.5	200	ug/Kg
P3077-01	1-N-1	Solid	Phenanthrene		440.000	98.4	200	ug/Kg



SDG No.: BF070124

Client:

Client ID : 1-W-1

Total Tics : 2,454.90

Total Svoc : 1,210.00

Total Concentration: 3.664.90

Client ID : 1-S-1

Total Tics : 2.153.10

Total Svoc : 633.30

Total Concentration: 2.786.40

Client ID : 1-B-1

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3077-10	1-B-1	Solid	1-Docosene	*	170.000	J		
P3077-10	1-B-1	Solid	1-Phenoxypropan-2-ol	*	86.800	J		
P3077-10	1-B-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3077-10	1-B-1	Solid	Benzo[e]pyrene	*	97.500	J		
P3077-10	1-B-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3077-10	1-B-1	Solid	n-Hexadecanoic acid	*	110.000	J		
P3077-10	1-B-1	Solid	Pentacosane	*	90.500	J		
P3077-10	1-B-1	Solid	Propylene Glycol	*	74.300	J		
Total Tics :					2,539.10			
P3077-10	1-B-1	Solid	Benzo(a)anthracene		120.000	J	89.1	190 ug/Kg
P3077-10	1-B-1	Solid	Benzo(a)pyrene		120.000	J	100	190 ug/Kg
P3077-10	1-B-1	Solid	Benzo(b)fluoranthene		160.000	J	89.5	190 ug/Kg
P3077-10	1-B-1	Solid	Butylbenzylphthalate		1,500.000		110	190 ug/Kg
P3077-10	1-B-1	Solid	Chrysene		110.000	J	87.7	190 ug/Kg
P3077-10	1-B-1	Solid	Fluoranthene		310.000		90.2	190 ug/Kg
P3077-10	1-B-1	Solid	Phenanthrene		180.000	J	92.7	190 ug/Kg
P3077-10	1-B-1	Solid	Pyrene		140.000	J	91.6	190 ug/Kg
Total Svoc :					2,640.00			
Total Concentration:					5,179.10			

Client ID : MW6-20240626

P3092-03	MW6-20240626	Water	1H-Inden-1-one, 2,3-dihydro-	*	11.700	J		
P3092-03	MW6-20240626	Water	2-Cyclopenten-1-one, 2,3-dimethyl	*	14.500	J		
P3092-03	MW6-20240626	Water	3,4-Dimethylbenzyl alcohol	*	17.200	J		
P3092-03	MW6-20240626	Water	3-Methylbenzyl alcohol	*	11.400	J		
P3092-03	MW6-20240626	Water	Benzene, 1,2,3-trimethyl-	*	37.400	J		
P3092-03	MW6-20240626	Water	Benzene, 1,2,4,5-tetramethyl-	*	9.600	J		
P3092-03	MW6-20240626	Water	Benzene, 1-ethyl-2-methyl-	*	20.100	J		
P3092-03	MW6-20240626	Water	Benzene, 1-ethyl-3-methyl-	*	9.300	J		
P3092-03	MW6-20240626	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	13.700	J		
P3092-03	MW6-20240626	Water	Benzoic acid, 2,6-dimethyl-	*	73.500	J		
P3092-03	MW6-20240626	Water	Benzoic acid, 3,4-dimethyl-	*	24.000	J		
P3092-03	MW6-20240626	Water	Benzoic acid, 4-methyl-	*	10.000	J		
P3092-03	MW6-20240626	Water	Butane, 2-methoxy-2-methyl-	*	210.000	J		
P3092-03	MW6-20240626	Water	Cycloheptanecarboxylic acid	*	10.700	J		
P3092-03	MW6-20240626	Water	Cyclopentanone, 2-ethyl-	*	11.700	J		
P3092-03	MW6-20240626	Water	Indane	*	26.800	J		
P3092-03	MW6-20240626	Water	o-Cymene	*	28.500	J		
P3092-03	MW6-20240626	Water	Phenol, 2-ethyl-5-methyl-	*	20.400	J		
Total Tics :					560.50			
P3092-03	MW6-20240626	Water	1-Methylnaphthalene		3.400	J	0.86	5 ug/L

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3092-03	MW6-20240626	Water	2,4-Dimethylphenol	30.500		1.5	5	ug/L
P3092-03	MW6-20240626	Water	2-Methylphenol	7.500		1.1	5	ug/L
P3092-03	MW6-20240626	Water	3+4-Methylphenols	3.800	J	1.2	10	ug/L
P3092-03	MW6-20240626	Water	Naphthalene	10.000		1	5	ug/L
P3092-03	MW6-20240626	Water	Phenol	7.700		0.93	5	ug/L
Total Svoc :						62.90		
Total Concentration:						623.40		

Client ID : MW6-20240626-A

P3092-04	MW6-20240626-A	Water	1H-Inden-1-one, 2,3-dihydro-	*	14.600	J		
P3092-04	MW6-20240626-A	Water	3,4-Dimethylbenzyl alcohol	*	16.800	J		
P3092-04	MW6-20240626-A	Water	3-Methylbenzyl alcohol	*	16.100	J		
P3092-04	MW6-20240626-A	Water	7-Methylindan-1-one	*	11.300	J		
P3092-04	MW6-20240626-A	Water	Benzene, 1,2,3,5-tetramethyl-	*	11.400	J		
P3092-04	MW6-20240626-A	Water	Benzene, 1,2,3-trimethyl-	*	37.500	J		
P3092-04	MW6-20240626-A	Water	Benzene, 1-ethyl-2-methyl-	*	19.100	J		
P3092-04	MW6-20240626-A	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	15.500	J		
P3092-04	MW6-20240626-A	Water	Benzoic acid, 2,4,6-trimethyl-	*	11.600	J		
P3092-04	MW6-20240626-A	Water	Benzoic acid, 2,4-dimethyl-	*	87.700	J		
P3092-04	MW6-20240626-A	Water	Benzoic acid, 2,6-dimethyl-	*	11.400	J		
P3092-04	MW6-20240626-A	Water	Benzoic acid, 3,4-dimethyl-	*	29.900	J		
P3092-04	MW6-20240626-A	Water	Benzoic acid, 4-methyl-	*	12.200	J		
P3092-04	MW6-20240626-A	Water	Butane, 2-methoxy-2-methyl-	*	200.000	J		
P3092-04	MW6-20240626-A	Water	Cyclohexene, 1-methyl-4-(1-meth	*	25.100	J		
P3092-04	MW6-20240626-A	Water	Cyclopentanone, 2-ethyl-	*	12.200	J		
P3092-04	MW6-20240626-A	Water	o-Cymene	*	29.100	J		
P3092-04	MW6-20240626-A	Water	unknown8.092	*	12.300	J		

Total Tics : **573.80**

P3092-04	MW6-20240626-A	Water	1-Methylnaphthalene		3.700	J	0.87	5.1	ug/L
P3092-04	MW6-20240626-A	Water	2,4-Dimethylphenol		32.100		1.5	5.1	ug/L
P3092-04	MW6-20240626-A	Water	2-Methylphenol		9.000		1.1	5.1	ug/L
P3092-04	MW6-20240626-A	Water	3+4-Methylphenols		4.000	J	1.2	10.1	ug/L
P3092-04	MW6-20240626-A	Water	Benzyl Alcohol		2.300	J	1.6	10.1	ug/L
P3092-04	MW6-20240626-A	Water	Naphthalene		10.500		1	5.1	ug/L
P3092-04	MW6-20240626-A	Water	Phenol		10.600		0.94	5.1	ug/L

Total Svoc : **72.20**

Total Concentration: **646.00**

Client ID : MW3-20240626

P3092-06	MW3-20240626	Water	1-Methylindan-2-one	*	3.500	J		
P3092-06	MW3-20240626	Water	1-Phenoxypropan-2-ol	*	2.200	J		

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3092-06	MW3-20240626	Water	1H-Inden-1-ol, 2,3-dihydro-	*	9.400	J		
P3092-06	MW3-20240626	Water	1H-Inden-1-one, 2,3-dihydro-	*	14.800	J		
P3092-06	MW3-20240626	Water	2-Pentanone, 4-hydroxy-4-methyl	*	6.000	A		
P3092-06	MW3-20240626	Water	7-Methylindan-1-one	*	2.600	J		
P3092-06	MW3-20240626	Water	Benzene, 1-ethenyl-2-methyl-	*	2.600	J		
P3092-06	MW3-20240626	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J		
P3092-06	MW3-20240626	Water	Indane	*	6.000	J		
P3092-06	MW3-20240626	Water	n-Hexadecanoic acid	*	2.900	J		
P3092-06	MW3-20240626	Water	Phenol, 2-ethyl-	*	2.400	J		
P3092-06	MW3-20240626	Water	unknown8.557	*	6.800	J		
Total Tics :					239.20			
P3092-06	MW3-20240626	Water	2,4-Dimethylphenol		2.500	J 1.5	5	ug/L
Total Svoc :					2.50			
Total Concentration:					241.70			
Client ID : VNJ-325								
P3115-12	VNJ-325	Solid	1-(Trimethylsilyl)-1-propyne	*	6,500.000	J		
P3115-12	VNJ-325	Solid	2-Azido-2,4,4,6,6,8,8-heptamethy	*	12,300.000	J		
P3115-12	VNJ-325	Solid	4-Butoxy-2,4-dimethyl-2-pentene	*	10,100.000	J		
P3115-12	VNJ-325	Solid	Benzo[e]pyrene	*	8,800.000	J		
P3115-12	VNJ-325	Solid	Heptane, 2,2,3,3,5,6,6-heptamethy	*	5,700.000	J		
P3115-12	VNJ-325	Solid	Heptane, 2-bromo-	*	5,200.000	J		
P3115-12	VNJ-325	Solid	Isoxazole, 3,5-dimethyl-	*	9,100.000	J		
P3115-12	VNJ-325	Solid	Propane, 1,2,2-trichloro-	*	6,800.000	J		
P3115-12	VNJ-325	Solid	Sulfurous acid, di(cyclohexylmeth	*	6,200.000	J		
P3115-12	VNJ-325	Solid	Tridecane, 6-methyl-	*	7,700.000	J		
P3115-12	VNJ-325	Solid	unknown11.057	*	14,000.000	J		
P3115-12	VNJ-325	Solid	unknown12.221	*	6,600.000	J		
P3115-12	VNJ-325	Solid	unknown13.933	*	5,100.000	J		
P3115-12	VNJ-325	Solid	unknown15.009	*	10,400.000	J		
P3115-12	VNJ-325	Solid	unknown15.351	*	7,300.000	J		
P3115-12	VNJ-325	Solid	unknown15.980	*	9,300.000	J		
P3115-12	VNJ-325	Solid	unknown16.480	*	9,900.000	J		
P3115-12	VNJ-325	Solid	unknown16.574	*	5,400.000	J		
P3115-12	VNJ-325	Solid	unknown18.062	*	7,100.000	J		
P3115-12	VNJ-325	Solid	unknown9.774	*	5,000.000	J		
Total Tics :					158,500.00			
P3115-12	VNJ-325	Solid	Anthracene		2,200.000	J 1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Benzo(a)anthracene		10,800.000	1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Benzo(a)pyrene		10,200.000	1400	2500	ug/Kg
P3115-12	VNJ-325	Solid	Benzo(b)fluoranthene		20,200.000	1200	2500	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3115-12	VNJ-325	Solid	Benzo(g,h,i)perylene	3,800.000		1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Benzo(k)fluoranthene	8,300.000		1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Chrysene	15,800.000		1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Dibenzo(a,h)anthracene	1,300.000	J	1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Fluoranthene	19,400.000		1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Indeno(1,2,3-cd)pyrene	3,700.000		1100	2500	ug/Kg
P3115-12	VNJ-325	Solid	Phenanthrene	10,200.000		1200	2500	ug/Kg
P3115-12	VNJ-325	Solid	Pyrene	10,900.000		1200	2500	ug/Kg

Total Svoc : 116,800.00
Total Concentration: 275,300.00

Client ID : MW2-20240627

P3119-05	MW2-20240627	Water	1H-Indene, 2,3-dihydro-4-methyl- *	5.800	J			
P3119-05	MW2-20240627	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.800	A			
P3119-05	MW2-20240627	Water	Benzene, (1-methylethyl)- *	4.400	J			
P3119-05	MW2-20240627	Water	Benzene, 1,2,3,4-tetramethyl- *	4.700	J			
P3119-05	MW2-20240627	Water	Benzene, 1,2,3-trimethyl- *	35.400	J			
P3119-05	MW2-20240627	Water	Benzene, 1,2,4,5-tetramethyl- *	4.900	J			
P3119-05	MW2-20240627	Water	Benzene, 1,3-diethyl- *	8.700	J			
P3119-05	MW2-20240627	Water	Benzene, 1-ethyl-2-methyl- *	4.600	J			
P3119-05	MW2-20240627	Water	Benzene, 1-ethyl-4-methyl- *	10.500	J			
P3119-05	MW2-20240627	Water	Benzene, 1-methyl-2-propyl- *	4.700	J			
P3119-05	MW2-20240627	Water	Benzene, 2-ethenyl-1,4-dimethyl- *	12.500	J			
P3119-05	MW2-20240627	Water	Benzene, 2-ethyl-1,4-dimethyl- *	6.100	J			
P3119-05	MW2-20240627	Water	Benzene, 4-ethyl-1,2-dimethyl- *	4.700	J			
P3119-05	MW2-20240627	Water	Benzene, propyl- *	3.400	J			
P3119-05	MW2-20240627	Water	Butane, 2-methoxy-2-methyl- *	190.000	J			
P3119-05	MW2-20240627	Water	Butanoic acid, 2-methylpropyl est *	6.000	J			
P3119-05	MW2-20240627	Water	Indane *	31.200	J			
P3119-05	MW2-20240627	Water	Mesitylene *	18.500	J			
P3119-05	MW2-20240627	Water	n-Hexadecanoic acid *	4.900	J			

Total Tics : 367.80

P3119-05	MW2-20240627	Water	1-Methylnaphthalene	4.400	J	0.86	5	ug/L
P3119-05	MW2-20240627	Water	2-Methylnaphthalene	5.900		1.1	5	ug/L
P3119-05	MW2-20240627	Water	Caprolactam	8.300	J	1.7	10	ug/L
P3119-05	MW2-20240627	Water	Naphthalene	20.900		1	5	ug/L

Total Svoc : 39.50
Total Concentration: 407.30

Client ID : FB-20240627

P3119-06	FB-20240627	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.700	A			
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Hit Summary Sheet
SW-846

SDG No.: BF070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3119-06	FB-20240627	Water	Butane, 2-methoxy-2-methyl-	*	220.000	J		
P3119-06	FB-20240627	Water	Hexacosane	*	3.100	J		
P3119-06	FB-20240627	Water	n-Hexadecanoic acid	*	3.400	J		
P3119-06	FB-20240627	Water	Octadecanoic acid	*	2.100	J		
P3119-06	FB-20240627	Water	Pentacosane	*	3.700	J		
			Total Tics :			238.00		
			Total Concentration:			238.00		



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF062824 SAS No.: BF062824 SDG No.: BF062824
Instrument ID: _____ Calibration Date(s): 6/28/2024 : _____
Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.837	0.867	0.885	0.866	0.823	0.846	3.3
Pyridine		1.341	1.327	1.393	1.390	1.329	1.356	2.1
2-Fluorophenol		1.348	1.330	1.319	1.198	1.111	1.206	10.5
Benzaldehyde			1.192	1.128	0.958	0.876	1.003	14.9
Aniline		1.713	1.682	1.691	1.564	1.511	1.586	7.0
Phenol-d6		1.841	1.792	1.736	1.600	1.506	1.625	10.3
Phenol		1.953	1.909	1.867	1.696	1.591	1.731	10.2
bis(2-Chloroethyl)ether		1.505	1.430	1.456	1.352	1.285	1.360	8.0
2-Chlorophenol		1.464	1.409	1.406	1.280	1.205	1.295	10.4
1,2-Dichlorobenzene		1.623	1.538	1.528	1.347	1.252	1.373	14.2
1,3-Dichlorobenzene		1.688	1.631	1.587	1.478	1.371	1.483	10.6
1,4-Dichlorobenzene		1.711	1.639	1.604	1.460	1.372	1.487	11.3
Benzyl Alcohol		1.306	1.239	1.266	1.175	1.094	1.164	9.8
2-Methylphenol		1.176	1.156	1.134	1.062	1.005	1.073	7.8
2,2-oxybis(1-Chloropropane)		3.061	2.979	2.978	2.719	2.568	2.743	9.9
Acetophenone		0.535	0.502	0.484	0.437	0.411	0.454	11.8
3+4-Methylphenols			1.484	1.416	1.255	1.153	1.247	13.9
n-Nitroso-di-n-propylamine	1.103	1.139	1.109	1.073	0.998	0.933	1.024	9.0
Nitrobenzene-d5		0.410	0.403	0.405	0.383	0.367	0.385	5.5
Hexachloroethane		0.580	0.574	0.568	0.543	0.508	0.536	7.7
Nitrobenzene		0.421	0.412	0.414	0.389	0.377	0.392	6.4
Isophorone		0.772	0.752	0.739	0.693	0.666	0.710	6.2
2-Nitrophenol		0.147	0.165	0.178	0.176	0.171	0.169	6.3
2,4-Dimethylphenol		0.228	0.226	0.229	0.215	0.205	0.216	5.5
bis(2-Chloroethoxy)methane		0.478	0.456	0.453	0.420	0.398	0.427	8.3
2,4-Dichlorophenol		0.297	0.299	0.298	0.278	0.262	0.278	7.5
1,2,4-Trichlorobenzene		0.366	0.352	0.345	0.318	0.298	0.323	9.9
Benzoic acid			0.128	0.169	0.189	0.199	0.183	16.5
Naphthalene		1.168	1.123	1.095	0.991	0.921	1.011	11.8
4-Chloroaniline		0.396	0.370	0.377	0.345	0.332	0.353	8.3
Hexachlorobutadiene		0.221	0.213	0.207	0.191	0.182	0.194	10.6
Caprolactam		0.091	0.091	0.093	0.087	0.082	0.088	4.6
4-Chloro-3-methylphenol		0.324	0.317	0.318	0.288	0.277	0.296	7.9
2-Methylnaphthalene		0.771	0.735	0.716	0.632	0.591	0.653	13.3
Hexachlorocyclopentadiene			0.118	0.161	0.173	0.176	0.163	14.2
2,4,6-Trichlorophenol		0.364	0.360	0.382	0.356	0.340	0.352	5.8

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.: BF062824

SAS No.: BF062824

SDG No.: BF062824

Instrument ID: _____

Calibration Date(s): 6/28/2024 : _____

Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.490	1.411	1.203	1.108	1.257	14.7
2,4,5-Trichlorophenol		0.404	0.405	0.410	0.385	0.367	0.383	6.6
1,1-Biphenyl		1.747	1.657	1.642	1.465	1.358	1.493	12.8
2-Chloronaphthalene		1.297	1.231	1.240	1.114	1.056	1.139	10.4
2-Nitroaniline		0.349	0.370	0.392	0.369	0.363	0.367	4.3
Dimethylphthalate		1.445	1.364	1.396	1.241	1.184	1.285	8.9
Acenaphthylene		1.863	1.765	1.759	1.556	1.474	1.601	12.4
2,6-Dinitrotoluene		0.289	0.305	0.316	0.287	0.279	0.288	6.1
3-Nitroaniline		0.288	0.295	0.308	0.283	0.276	0.284	5.3
Acenaphthene		1.224	1.187	1.192	1.077	1.014	1.096	9.6
2,4-Dinitrophenol			0.037	0.074	0.098	0.109	0.094	35.2
4-Nitrophenol			0.152	0.188	0.191	0.188	0.184	8.8
Dibenzofuran		1.790	1.675	1.678	1.468	1.368	1.511	13.6
2,4-Dinitrotoluene		0.334	0.360	0.394	0.366	0.349	0.354	6.4
Diethylphthalate		1.372	1.306	1.318	1.168	1.110	1.202	10.9
4-Chlorophenyl-phenylether		0.695	0.675	0.663	0.565	0.530	0.609	12.7
Fluorene		1.406	1.337	1.284	1.104	1.050	1.200	13.5
4-Nitroaniline		0.243	0.259	0.287	0.265	0.260	0.261	5.6
4,6-Dinitro-2-methylphenol			0.057	0.083	0.100	0.108	0.096	23.1
n-Nitrosodiphenylamine		0.711	0.694	0.661	0.599	0.570	0.621	10.9
Azobenzene		1.404	1.383	1.373	1.248	1.187	1.269	9.3
2,4,6-Tribromophenol		0.172	0.176	0.181	0.163	0.153	0.163	8.3
4-Bromophenyl-phenylether		0.241	0.239	0.229	0.209	0.202	0.215	10.0
Hexachlorobenzene		0.281	0.258	0.250	0.228	0.219	0.237	11.4
Atrazine		0.202	0.196	0.191	0.182	0.156	0.174	14.2
Pentachlorophenol			0.091	0.119	0.128	0.127	0.120	12.4
Phenanthrene		1.118	1.068	1.063	0.954	0.911	0.976	11.2
Anthracene		1.105	1.075	1.057	0.954	0.906	0.974	11.0
Carbazole		0.884	0.861	0.896	0.804	0.765	0.808	9.6
Di-n-butylphthalate		1.084	1.101	1.123	1.023	0.979	1.025	8.3
Fluoranthene		0.957	0.947	0.975	0.880	0.820	0.875	10.4
Benzidine		0.264	0.132	0.193	0.032	0.203	0.160	52.9
Pyrene		2.334	2.327	2.350	2.137	1.995	2.138	9.9
Terphenyl-d14			1.716	1.680	1.492	1.339	1.459	14.3
Butylbenzylphthalate		0.577	0.639	0.732	0.685	0.656	0.650	8.1
3,3-Dichlorobenzidine		0.399	0.394	0.400	0.355	0.374	0.380	5.5

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.: BF062824 SAS No.: BF062824 SDG No.: BF062824
Instrument ID: _____ Calibration Date(s): 6/28/2024 : _____
Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.388	1.347	1.347	1.271	1.239	1.287	6.0
Chrysene		1.377	1.289	1.324	1.218	1.200	1.253	6.3
Bis(2-ethylhexyl)phthalate		0.797	0.817	0.882	0.835	0.804	0.816	4.8
Di-n-octyl phthalate		1.425	1.426	1.477	1.412	1.420	1.428	1.9
Benzo(b)fluoranthene		1.198	1.123	1.211	1.045	1.067	1.097	7.4
Benzo(k)fluoranthene		1.095	1.089	1.034	1.013	0.933	1.011	6.9
Benzo(a)pyrene		1.007	1.005	1.007	0.943	0.923	0.962	4.4
Indeno(1,2,3-cd)pyrene		0.919	0.922	1.034	1.041	1.024	1.005	5.8
Dibenzo(a,h)anthracene		0.722	0.748	0.839	0.857	0.819	0.811	6.8
Benzo(g,h,i)perylene		0.728	0.729	0.795	0.831	0.810	0.794	5.9
1,2,4,5-Tetrachlorobenzene		0.633	0.608	0.597	0.541	0.513	0.553	11.0
1,4-Dioxane		0.584	0.602	0.607	0.570	0.540	0.568	5.4
2,3,4,6-Tetrachlorophenol		0.276	0.295	0.315	0.290	0.276	0.284	6.0
1-Methylnaphthalene		0.749	0.722	0.684	0.617	0.573	0.634	13.5

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.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 11:26

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	168343	6.875	678290	8.16	367582	9.92
UPPER LIMIT	336686	7.375	1356580	8.657	735164	10.416
LOWER LIMIT	84171.5	6.375	339145	7.657	183791	9.416
EPA SAMPLE NO.						
01 PB161809BL	219737	6.88	912818	8.15	520180	9.90
02 PB161809BS	211026	6.88	871730	8.16	463965	9.91
03 PB161809BSD	209693	6.88	874138	8.16	469795	9.91
04 FB-20240627	182330	6.88	733542	8.15	390330	9.90
05 MW12-20240625	198578	6.88	642092	8.16	412135	9.91
06 MW14-20240625	191304	6.88	468432	8.17	401687	9.91
07 MW6-20240626	182194	6.88	702961	8.16	385210	9.91
08 MW6-20240626-A	180237	6.88	699705	8.16	388056	9.91
09 MW3-20240626	183092	6.88	724340	8.16	368738	9.91
10 MW2-20240627	184159	6.88	721627	8.15	365632	9.90
11 VNJ-325	172672	6.88	637651	8.15	263443	9.91
12 VNJ-325MS	172973	6.88	643571	8.16	266742	9.91
13 VNJ-325MSD	171983	6.88	640603	8.16	261372	9.91
14 7-B-1	198390	6.88	764564	8.15	357846	9.90
15 1-S-1	200972	6.88	773826	8.15	354402	9.90
16 1-B-1	192793	6.88	724916	8.16	328206	9.90
17 1-W-1	198307	6.88	725707	8.15	318295	9.90
18 1-N-1	185011	6.88	685244	8.16	298797	9.90
19 7-W-1	193270	6.88	712949	8.16	308297	9.90
20 7-N-1	177342	6.88	650167	8.16	277471	9.90
21 OSTL-D3RE	178874	6.88	607816	8.16	241088	9.90



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 21:34

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	168343	6.875	678290	8.16	367582	9.92
UPPER LIMIT	336686	7.375	1356580	8.657	735164	10.416
LOWER LIMIT	84171.5	6.375	339145	7.657	183791	9.416
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138395.D Time Analyzed: 11:26

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	187099	6.875	770722	8.16	419344	9.91
UPPER LIMIT	374198	7.375	1541444	8.657	838688	10.41
LOWER LIMIT	93549.5	6.375	385361	7.657	209672	9.41
EPA SAMPLE NO.						
01 PB161809BL	219737	6.88	912818	8.15	520180	9.90
02 PB161809BS	211026	6.88	871730	8.16	463965	9.91
03 PB161809BSD	209693	6.88	874138	8.16	469795	9.91
04 FB-20240627	182330	6.88	733542	8.15	390330	9.90
05 MW12-20240625	198578	6.88	642092	8.16	412135	9.91
06 MW14-20240625	191304	6.88	468432	8.17	401687	9.91
07 MW6-20240626	182194	6.88	702961	8.16	385210	9.91
08 MW6-20240626-A	180237	6.88	699705	8.16	388056	9.91
09 MW3-20240626	183092	6.88	724340	8.16	368738	9.91
10 MW2-20240627	184159	6.88	721627	8.15	365632	9.90
11 VNJ-325	172672	6.88	637651	8.15	263443	9.91
12 VNJ-325MS	172973	6.88	643571	8.16	266742	9.91
13 VNJ-325MSD	171983	6.88	640603	8.16	261372	9.91
14 7-B-1	198390	6.88	764564	8.15	357846	9.90
15 1-S-1	200972	6.88	773826	8.15	354402	9.90
16 1-B-1	192793	6.88	724916	8.16	328206	9.90
17 1-W-1	198307	6.88	725707	8.15	318295	9.90
18 1-N-1	185011	6.88	685244	8.16	298797	9.90
19 7-W-1	193270	6.88	712949	8.16	308297	9.90
20 7-N-1	177342	6.88	650167	8.16	277471	9.90
21 OSTL-D3RE	178874	6.88	607816	8.16	241088	9.90



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138395.D Time Analyzed: 21:34

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	187099	6.875	770722	8.16	419344	9.91
UPPER LIMIT	374198	7.375	1541444	8.657	838688	10.41
LOWER LIMIT	93549.5	6.375	385361	7.657	209672	9.41
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.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 11:26

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	587988	11.398	233783	14.027	292128	15.492
	UPPER LIMIT	1175976	11.898	467566	14.527	584256	15.992
	LOWER LIMIT	293994	10.898	116891.5	13.527	146064	14.992
	EPA SAMPLE NO.						
01	PB161809BL	850746	11.39	339085	14.02	294922	15.49
02	PB161809BS	761964	11.40	310291	14.03	333992	15.49
03	PB161809BSD	757509	11.40	312092	14.03	344844	15.49
04	FB-20240627	566911	11.39	300649	14.03	252653	15.49
05	MW12-20240625	617557	11.39	331483	14.03	287648	15.49
06	MW14-20240625	581387	11.39	333925	14.03	288698	15.49
07	MW6-20240626	511118	11.39	307249	14.03	298037	15.49
08	MW6-20240626-A	512613	11.39	306818	14.03	301725	15.50
09	MW3-20240626	515039	11.39	306624	14.03	279533	15.49
10	MW2-20240627	496878	11.39	307478	14.03	294064	15.49
11	VNJ-325	297539	11.40	287756	14.03	311127	15.50
12	VNJ-325MS	304412	11.40	290800	14.03	301618	15.50
13	VNJ-325MSD	299736	11.40	288909	14.03	289056	15.50
14	7-B-1	458720	11.39	354982	14.03	298699	15.49
15	1-S-1	459742	11.39	362967	14.03	298110	15.49
16	1-B-1	419588	11.39	352765	14.03	281800	15.49
17	1-W-1	424049	11.39	353981	14.03	279265	15.49
18	1-N-1	399212	11.39	340766	14.03	270439	15.49
19	7-W-1	412740	11.39	364782	14.03	277029	15.49
20	7-N-1	379410	11.39	339364	14.03	253630	15.49
21	OSTL-D3RE	377222	11.39	320431	14.03	232217	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 21:34

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	587988	11.398	233783	14.027	292128	15.492
UPPER LIMIT	1175976	11.898	467566	14.527	584256	15.992
LOWER LIMIT	293994	10.898	116891.5	13.527	146064	14.992
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138395.D Time Analyzed: 11:26

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	692809	11.392	277818	14.027	327746	15.492
	UPPER LIMIT	1385618	11.892	555636	14.527	655492	15.992
	LOWER LIMIT	346404.5	10.892	138909	13.527	163873	14.992
	EPA SAMPLE NO.						
01	PB161809BL	850746	11.39	339085	14.02	294922	15.49
02	PB161809BS	761964	11.40	310291	14.03	333992	15.49
03	PB161809BSD	757509	11.40	312092	14.03	344844	15.49
04	FB-20240627	566911	11.39	300649	14.03	252653	15.49
05	MW12-20240625	617557	11.39	331483	14.03	287648	15.49
06	MW14-20240625	581387	11.39	333925	14.03	288698	15.49
07	MW6-20240626	511118	11.39	307249	14.03	298037	15.49
08	MW6-20240626-A	512613	11.39	306818	14.03	301725	15.50
09	MW3-20240626	515039	11.39	306624	14.03	279533	15.49
10	MW2-20240627	496878	11.39	307478	14.03	294064	15.49
11	VNJ-325	297539 *	11.40	287756	14.03	311127	15.50
12	VNJ-325MS	304412 *	11.40	290800	14.03	301618	15.50
13	VNJ-325MSD	299736 *	11.40	288909	14.03	289056	15.50
14	7-B-1	458720	11.39	354982	14.03	298699	15.49
15	1-S-1	459742	11.39	362967	14.03	298110	15.49
16	1-B-1	419588	11.39	352765	14.03	281800	15.49
17	1-W-1	424049	11.39	353981	14.03	279265	15.49
18	1-N-1	399212	11.39	340766	14.03	270439	15.49
19	7-W-1	412740	11.39	364782	14.03	277029	15.49
20	7-N-1	379410	11.39	339364	14.03	253630	15.49
21	OSTL-D3RE	377222	11.39	320431	14.03	232217	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070124 SAS No.: BF070124 SDG NO.: BF070124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BF138395.D Time Analyzed: 21:34

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	692809	11.392	277818	14.027	327746	15.492
UPPER LIMIT	1385618	11.892	555636	14.527	655492	15.992
LOWER LIMIT	346404.5	10.892	138909	13.527	163873	14.992
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.: **BF070124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161809BS	n-Nitrosodimethylamine	50	44.7	ug/L	89				55	108	
	Pyridine	50	37.3	ug/L	75				29	97	
	Benzaldehyde	50		ug/L	0		*		15	121	
	Aniline	50	30	ug/L	60				10	130	
	Phenol	50	43.9	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	44.8	ug/L	90				62	103	
	2-Chlorophenol	50	47.2	ug/L	94				70	117	
	1,2-Dichlorobenzene	50	43	ug/L	86				72	102	
	1,3-Dichlorobenzene	50	40.4	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	40.6	ug/L	81				76	103	
	Benzyl Alcohol	50	47.1	ug/L	94		*		36	93	
	2-Methylphenol	50	44.5	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.3	ug/L	87				52	103	
	Acetophenone	50	41.5	ug/L	83				60	104	
	3+4-Methylphenols	50	44.5	ug/L	89				67	106	
	N-Nitroso-di-n-propylamine	50	43.2	ug/L	86				57	107	
	Hexachloroethane	50	41.6	ug/L	83				76	118	
	Nitrobenzene	50	41.4	ug/L	83				58	106	
	Isophorone	50	42.9	ug/L	86				61	102	
	2-Nitrophenol	50	46.2	ug/L	92				70	115	
	2,4-Dimethylphenol	50	48.4	ug/L	97				67	130	
	bis(2-Chloroethoxy)methane	50	42.7	ug/L	85				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	1,2,4-Trichlorobenzene	50	39.8	ug/L	80				41	115	
	Benzoic acid	50	44.3	ug/L	89				10	125	
	Naphthalene	50	40.8	ug/L	82				64	107	
	4-Chloroaniline	50	22.5	ug/L	45				10	85	
	Hexachlorobutadiene	50	37.8	ug/L	76				69	101	
	Caprolactam	50	47.2	ug/L	94				58	128	
	4-Chloro-3-methylphenol	50	43.9	ug/L	88				65	114	
	2-Methylnaphthalene	50	40.8	ug/L	82				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	42.6	ug/L	85				61	110	
	2,4,5-Trichlorophenol	50	41.7	ug/L	83				70	106	
	1,1-Biphenyl	50	40.9	ug/L	82				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	46.2	ug/L	92				58	107	
	Dimethylphthalate	50	42.9	ug/L	86				64	103	
	Acenaphthylene	50	44.8	ug/L	90				65	108	
	2,6-Dinitrotoluene	50	43	ug/L	86				64	110	
	3-Nitroaniline	50	30.7	ug/L	61				28	100	
	Acenaphthene	50	45	ug/L	90				59	113	
	Total PAH	800	718	ug/L	90				59	113	
	2,4-Dinitrophenol	100	89.7	ug/L	90				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161809BS	4-Nitrophenol	100	97.5	ug/L	98				68	116		
	Dibenzofuran	50	41.6	ug/L	83				65	106		
	2,4-Dinitrotoluene	50	44.1	ug/L	88				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	87.1	ug/L	87				60	115		
	Diethylphthalate	50	42.8	ug/L	86				63	105		
	4-Chlorophenyl-phenylether	50	38.8	ug/L	78				61	104		
	Fluorene	50	39.2	ug/L	78				64	107		
	4-Nitroaniline	50	44.9	ug/L	90				69	112		
	4,6-Dinitro-2-methylphenol	50	46.4	ug/L	93				62	132		
	N-Nitrosodiphenylamine	50	41.4	ug/L	83				61	109		
	Azobenzene	50	44	ug/L	88				59	106		
	4-Bromophenyl-phenylether	50	40.7	ug/L	81				73	103		
	Hexachlorobenzene	50	39.7	ug/L	79				73	106		
	Atrazine	50	44.2	ug/L	88				76	120		
	Pentachlorophenol	100	86	ug/L	86				47	114		
	Phenanthrene	50	42.3	ug/L	85				62	109		
	Anthracene	50	42.7	ug/L	85				65	110		
	Carbazole	50	43.3	ug/L	87				62	106		
	Di-n-butylphthalate	50	43.3	ug/L	87				64	106		
	Fluoranthene	50	42.9	ug/L	86				64	110		
	Benzidine	100	44.9	ug/L	45				10	94		
	Pyrene	50	42.9	ug/L	86				71	103		
	Butylbenzylphthalate	50	49.9	ug/L	100				61	105		
	3,3-Dichlorobenzidine	50	36.4	ug/L	73				43	108		
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107		
	Chrysene	50	45	ug/L	90				61	108		
	bis(2-Ethylhexyl)phthalate	50	46.6	ug/L	93				59	110		
	Di-n-octyl phthalate	50	42.3	ug/L	85				67	126		
	Benzo(b)fluoranthene	50	45.9	ug/L	92				77	113		
	Benzo(k)fluoranthene	50	49.4	ug/L	99				64	113		
	Benzo(a)pyrene	50	49.8	ug/L	100				72	131		
	Indeno(1,2,3-cd)pyrene	50	49	ug/L	98				72	105		
	Dibenz(a,h)anthracene	50	48.1	ug/L	96				78	115		
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				75	118		
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82				72	101		
	1,4-Dioxane	50	36	ug/L	72				38	125		
	2,3,4,6-Tetrachlorophenol	50	45.6	ug/L	91				63	116		
	1-Methylnaphthalene	50	39.1	ug/L	78				51	114		
PB161809BSD	n-Nitrosodimethylamine	50	44.7	ug/L	89				55	108	20	
	Pyridine	50	36.9	ug/L	74				29	97	20	
	Benzaldehyde	50		ug/L	0		*		15	121	20	
	Aniline	50	30.2	ug/L	60				10	130	20	
	Phenol	50	44.1	ug/L	88				66	118	20	
	bis(2-Chloroethyl)ether	50	45.3	ug/L	91				62	103	20	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161809BSD	2-Chlorophenol	50	47.4	ug/L	95				70	117	20
	1,2-Dichlorobenzene	50	42.8	ug/L	86				72	102	20
	1,3-Dichlorobenzene	50	40.7	ug/L	81				71	103	20
	1,4-Dichlorobenzene	50	40.7	ug/L	81				76	103	20
	Benzyl Alcohol	50	47.8	ug/L	96		*		36	93	20
	2-Methylphenol	50	45	ug/L	90				69	109	20
	2,2-oxybis(1-Chloropropane)	50	43.9	ug/L	88				52	103	20
	Acetophenone	50	41.3	ug/L	83				60	104	20
	3+4-Methylphenols	50	45.1	ug/L	90				67	106	20
	N-Nitroso-di-n-propylamine	50	43.7	ug/L	87				57	107	20
	Hexachloroethane	50	42.5	ug/L	85				76	118	20
	Nitrobenzene	50	41.1	ug/L	82				58	106	20
	Isophorone	50	42.9	ug/L	86				61	102	20
	2-Nitrophenol	50	46.4	ug/L	93				70	115	20
	2,4-Dimethylphenol	50	48.4	ug/L	97				67	130	20
	bis(2-Chloroethoxy)methane	50	43.3	ug/L	87				58	109	20
	2,4-Dichlorophenol	50	43.1	ug/L	86				66	115	20
	1,2,4-Trichlorobenzene	50	39.7	ug/L	79				41	115	20
	Benzoic acid	50	45.1	ug/L	90				10	125	20
	Naphthalene	50	40.6	ug/L	81				64	107	20
	4-Chloroaniline	50	21.6	ug/L	43				10	85	20
	Hexachlorobutadiene	50	38.2	ug/L	76				69	101	20
	Caprolactam	50	46.9	ug/L	94				58	128	20
	4-Chloro-3-methylphenol	50	43.7	ug/L	87				65	114	20
	2-Methylnaphthalene	50	40.4	ug/L	81				64	107	20
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	20
	2,4,6-Trichlorophenol	50	43.1	ug/L	86				61	110	20
	2,4,5-Trichlorophenol	50	41.3	ug/L	83				70	106	20
	1,1-Biphenyl	50	40.5	ug/L	81				72	98	20
	2-Chloronaphthalene	50	40.3	ug/L	81				59	106	20
	2-Nitroaniline	50	46	ug/L	92				58	107	20
	Dimethylphthalate	50	42.7	ug/L	85				64	103	20
	Acenaphthylene	50	44.2	ug/L	88				65	108	20
	2,6-Dinitrotoluene	50	43	ug/L	86				64	110	20
	3-Nitroaniline	50	30.5	ug/L	61				28	100	20
	Acenaphthene	50	45	ug/L	90				59	113	20
	Total PAH	800	712.1	ug/L	89				59	113	20
	2,4-Dinitrophenol	100	92.2	ug/L	92				64	132	20
	4-Nitrophenol	100	97.4	ug/L	97				68	116	20
	Dibenzofuran	50	41.5	ug/L	83				65	106	20
	2,4-Dinitrotoluene	50	44.2	ug/L	88				60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	87.2	ug/L	87				60	115	20
	Diethylphthalate	50	42.6	ug/L	85				63	105	20
	4-Chlorophenyl-phenylether	50	38.7	ug/L	77				61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161809BSD	Fluorene	50	38.5	ug/L	77				64	107		20
	4-Nitroaniline	50	44.4	ug/L	89				69	112		20
	4,6-Dinitro-2-methylphenol	50	47.2	ug/L	94				62	132		20
	N-Nitrosodiphenylamine	50	42.6	ug/L	85				61	109		20
	Azobenzene	50	44	ug/L	88				59	106		20
	4-Bromophenyl-phenylether	50	41.5	ug/L	83				73	103		20
	Hexachlorobenzene	50	40	ug/L	80				73	106		20
	Atrazine	50	44.9	ug/L	90				76	120		20
	Pentachlorophenol	100	87.8	ug/L	88				47	114		20
	Phenanthrene	50	42.9	ug/L	86				62	109		20
	Anthracene	50	43.5	ug/L	87				65	110		20
	Carbazole	50	43.8	ug/L	88				62	106		20
	Di-n-butylphthalate	50	45	ug/L	90				64	106		20
	Fluoranthene	50	43.5	ug/L	87				64	110		20
	Benzidine	100	50.8	ug/L	51				10	94		20
	Pyrene	50	42.6	ug/L	85				71	103		20
	Butylbenzylphthalate	50	50	ug/L	100				61	105		20
	3,3-Dichlorobenzidine	50	37.8	ug/L	76				43	108		20
	Benzo(a)anthracene	50	44.1	ug/L	88				62	107		20
	Chrysene	50	44.6	ug/L	89				61	108		20
	bis(2-Ethylhexyl)phthalate	50	47.9	ug/L	96				59	110		20
	Di-n-octyl phthalate	50	44.6	ug/L	89				67	126		20
	Benzo(b)fluoranthene	50	45.5	ug/L	91				77	113		20
	Benzo(k)fluoranthene	50	48.6	ug/L	97				64	113		20
	Benzo(a)pyrene	50	48.9	ug/L	98				72	131		20
	Indeno(1,2,3-cd)pyrene	50	47.6	ug/L	95				72	105		20
	Dibenz(a,h)anthracene	50	47	ug/L	94				78	115		20
	Benzo(g,h,i)perylene	50	45	ug/L	90				75	118		20
	1,2,4,5-Tetrachlorobenzene	50	39.9	ug/L	80				72	101		20
	1,4-Dioxane	50	35.3	ug/L	71				38	125		20
	2,3,4,6-Tetrachlorophenol	50	45.9	ug/L	92				63	116		20
	1-Methylnaphthalene	50	38.7	ug/L	77				51	114		20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

7-B-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070124

SAS No.: BF070124 SDG NO.: BF070124

Lab File ID: BF138409.D

Lab Sample ID: P3076-13

Instrument ID: BNA_F

Date Extracted: 06/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 18:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
7-B-1	P3076-13	BF138409.D	07/01/2024
1-S-1	P3077-07	BF138410.D	07/01/2024
1-B-1	P3077-10	BF138411.D	07/01/2024
1-W-1	P3077-04	BF138412.D	07/01/2024
1-N-1	P3077-01	BF138413.D	07/01/2024
7-W-1	P3076-04	BF138414.D	07/01/2024
7-N-1	P3076-01	BF138415.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161809BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070124

SAS No.: BF070124 SDG NO.: BF070124

Lab File ID: BF138396.D

Lab Sample ID: PB161809BL

Instrument ID: BNA_F

Date Extracted: 06/28/2024

Matrix: (soil/water) Water

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161809BS	PB161809BS	BF138397.D	07/01/2024
PB161809BSD	PB161809BSD	BF138398.D	07/01/2024
FB-20240627	P3119-06	BF138399.D	07/01/2024
MW12-20240625	P3073-02	BF138400.D	07/01/2024
MW14-20240625	P3073-03	BF138401.D	07/01/2024
MW6-20240626	P3092-03	BF138402.D	07/01/2024
MW6-20240626-A	P3092-04	BF138403.D	07/01/2024
MW3-20240626	P3092-06	BF138404.D	07/01/2024
MW2-20240627	P3119-05	BF138405.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-325

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070124

SAS No.: BF070124 SDG NO.: BF070124

Lab File ID: BF138406.D

Lab Sample ID: P3115-12

Instrument ID: BNA_F

Date Extracted: 06/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 16:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-325	P3115-12	BF138406.D	07/01/2024
VNJ-325MS	P3115-12MS	BF138407.D	07/01/2024
VNJ-325MSD	P3115-12MSD	BF138408.D	07/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3115-12MS	Client Sample ID:	VNJ-325MS					DataFile:	BF138407.D		
n-Nitrosodimethylamine	2400		2500	ug/Kg	104				66	124	
Pyridine	2400		2100	ug/Kg	88				45	119	
Benzaldehyde	2400			ug/Kg	0	*			26	163	
Aniline	2400			ug/Kg	0	*			10	88	
Phenol	2400		2700	ug/Kg	113				67	126	
bis(2-Chloroethyl)ether	2400		2600	ug/Kg	108				74	116	
2-Chlorophenol	2400		2700	ug/Kg	113				61	138	
1,2-Dichlorobenzene	2400		2600	ug/Kg	108	*			61	105	
1,3-Dichlorobenzene	2400		2600	ug/Kg	108	*			62	101	
1,4-Dichlorobenzene	2400		2600	ug/Kg	108	*			63	104	
Benzyl Alcohol	2400		2600	ug/Kg	108				47	126	
2-Methylphenol	2400		2600	ug/Kg	108				66	122	
2,2-oxybis(1-Chloropropane)	2400		2700	ug/Kg	113				52	115	
Acetophenone	2400		2700	ug/Kg	113	*			75	111	
3+4-Methylphenols	2400		2900	ug/Kg	121				53	132	
N-Nitroso-di-n-propylamine	2400		2800	ug/Kg	117				59	119	
Hexachloroethane	2400		2500	ug/Kg	104				65	117	
Nitrobenzene	2400		2500	ug/Kg	104				70	119	
Isophorone	2400		2700	ug/Kg	113				76	122	
2-Nitrophenol	2400		2300	ug/Kg	96				54	145	
2,4-Dimethylphenol	2400		2800	ug/Kg	117				83	144	
bis(2-Chloroethoxy)methane	2400		2700	ug/Kg	113	*			68	112	
2,4-Dichlorophenol	2400		2600	ug/Kg	108				72	118	
1,2,4-Trichlorobenzene	2400		2500	ug/Kg	104	*			57	103	
Benzoic acid	2400		0	ug/Kg	0	*			50	104	
Naphthalene	2400	300	3000	ug/Kg	113	*			72	110	
4-Chloroaniline	2400			ug/Kg	0	*			10	100	
Hexachlorobutadiene	2400		2400	ug/Kg	100				66	114	
Caprolactam	2400		2700	ug/Kg	113				51	134	
4-Chloro-3-methylphenol	2400		2600	ug/Kg	108				57	132	
2-Methylnaphthalene	2400	320	2900	ug/Kg	108				59	123	
Hexachlorocyclopentadiene	4900		5800	ug/Kg	118				10	175	
2,4,6-Trichlorophenol	2400		3000	ug/Kg	125	*			72	117	
2,4,5-Trichlorophenol	2400		2600	ug/Kg	108				72	117	
1,1-Biphenyl	2400	320	3400	ug/Kg	128	*			75	113	
2-Chloronaphthalene	2400		2900	ug/Kg	121	*			67	118	
2-Nitroaniline	2400		3400	ug/Kg	142	*			69	127	
Dimethylphthalate	2400		3300	ug/Kg	138	*			70	113	
Acenaphthylene	2400	1700	3800	ug/Kg	88				79	118	
2,6-Dinitrotoluene	2400		4000	ug/Kg	167	*			70	125	
3-Nitroaniline	2400		2100	ug/Kg	88				20	111	
Acenaphthene	2400	560	3400	ug/Kg	118				70	121	
Total PAH	38400	116800	143300	ug/Kg	115				70	121	
2,4-Dinitrophenol	4900		5800	ug/Kg	118				16	160	
4-Nitrophenol	4900		3800	ug/Kg	78				45	133	
Dibenzofuran	2400	470	3200	ug/Kg	114	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2400		2400	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4800		6400	ug/Kg	133	*			55	128	
Diethylphthalate	2400		2800	ug/Kg	117	*			70	112	
4-Chlorophenyl-phenylether	2400		2500	ug/Kg	104				71	108	
Fluorene	2400	500	2700	ug/Kg	92				68	116	
4-Nitroaniline	2400		2100	ug/Kg	88				55	120	
4,6-Dinitro-2-methylphenol	2400		4200	ug/Kg	175	*			32	145	
N-Nitrosodiphenylamine	2400		3400	ug/Kg	142	*			73	118	
Azobenzene	2400		2400	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2400		2600	ug/Kg	108				65	121	
Hexachlorobenzene	2400		2300	ug/Kg	96				67	118	
Atrazine	2400		4000	ug/Kg	167	*			79	127	
Pentachlorophenol	4900		3900	ug/Kg	80				47	128	
Phenanthrene	2400	10200	11300	ug/Kg	46	*			72	113	
Anthracene	2400	2200	4500	ug/Kg	96				62	124	
Carbazole	2400	870	3700	ug/Kg	118				59	119	
Di-n-butylphthalate	2400		3200	ug/Kg	133	*			69	118	
Fluoranthene	2400	19400	19500	ug/Kg	4	*			59	125	
Benzidine	4900			ug/Kg	0	*			10	119	
Pyrene	2400	10900	10900	ug/Kg	0	*			52	128	
Butylbenzylphthalate	2400		2300	ug/Kg	96				64	126	
3,3-Dichlorobenzidine	2400		1500	ug/Kg	63				10	164	
Benzo(a)anthracene	2400	10800	13000	ug/Kg	92				71	114	
Chrysene	2400	15800	14700	ug/Kg	-46	*			57	121	
bis(2-Ethylhexyl)phthalate	2400	490	3200	ug/Kg	113				66	127	
Di-n-octyl phthalate	2400		3000	ug/Kg	125				71	126	
Benzo(b)fluoranthene	2400	20200	20300	ug/Kg	4	*			67	121	
Benzo(k)fluoranthene	2400	8300	10300	ug/Kg	83				74	114	
Benzo(a)pyrene	2400	10200	11400	ug/Kg	50	*			70	142	
Indeno(1,2,3-cd)pyrene	2400	3700	5600	ug/Kg	79				61	125	
Dibenz(a,h)anthracene	2400	1300	3400	ug/Kg	88				67	130	
Benzo(g,h,i)perylene	2400	3800	5500	ug/Kg	71				53	140	
1,2,4,5-Tetrachlorobenzene	2400		2900	ug/Kg	121				69	124	
1,4-Dioxane	2400		2200	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	2400		2000	ug/Kg	83				56	133	
1-Methylnaphthalene	2400	280	2700	ug/Kg	101				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3115-12MSD		Client Sample ID: VNJ-325MSD		DataFile: BF138408.D							
n-Nitrosodimethylamine	2400		2600	ug/Kg	108		4		66	124	20
Pyridine	2400		2300	ug/Kg	96		9		45	119	20
Benzaldehyde	2400			ug/Kg	0	*			26	163	20
Aniline	2400		0	ug/Kg	0	*			10	88	20
Phenol	2400		2800	ug/Kg	117		3		67	126	20
bis(2-Chloroethyl)ether	2400		2800	ug/Kg	117	*	8		74	116	20
2-Chlorophenol	2400		2900	ug/Kg	121		7		61	138	20
1,2-Dichlorobenzene	2400		2800	ug/Kg	117	*	8		61	105	20
1,3-Dichlorobenzene	2400		2700	ug/Kg	113	*	5		62	101	20
1,4-Dichlorobenzene	2400		2700	ug/Kg	113	*	5		63	104	20
Benzyl Alcohol	2400		2700	ug/Kg	113		5		47	126	20
2-Methylphenol	2400		2700	ug/Kg	113		5		66	122	20
2,2-oxybis(1-Chloropropane)	2400		2900	ug/Kg	121	*	7		52	115	20
Acetophenone	2400		2900	ug/Kg	121	*	7		75	111	20
3+4-Methylphenols	2400		3100	ug/Kg	129		6		53	132	20
N-Nitroso-di-n-propylamine	2400		2900	ug/Kg	121	*	3		59	119	20
Hexachloroethane	2400		2600	ug/Kg	108		4		65	117	20
Nitrobenzene	2400		2600	ug/Kg	108		4		70	119	20
Isophorone	2400		2800	ug/Kg	117		3		76	122	20
2-Nitrophenol	2400		2600	ug/Kg	108		12		54	145	20
2,4-Dimethylphenol	2400		3100	ug/Kg	129		10		83	144	20
bis(2-Chloroethoxy)methane	2400		2900	ug/Kg	121	*	7		68	112	20
2,4-Dichlorophenol	2400		2700	ug/Kg	113		5		72	118	20
1,2,4-Trichlorobenzene	2400		2700	ug/Kg	113	*	8		57	103	20
Benzoic acid	2400		0	ug/Kg	0	*			50	104	20
Naphthalene	2400	300	3200	ug/Kg	121	*	7		72	110	20
4-Chloroaniline	2400		0	ug/Kg	0	*			10	100	20
Hexachlorobutadiene	2400		2500	ug/Kg	104		4		66	114	20
Caprolactam	2400		3000	ug/Kg	125		10		51	134	20
4-Chloro-3-methylphenol	2400		2800	ug/Kg	117		8		57	132	20
2-Methylnaphthalene	2400	320	3100	ug/Kg	116		7		59	123	20
Hexachlorocyclopentadiene	4900		5900	ug/Kg	120		2		10	175	20
2,4,6-Trichlorophenol	2400		3100	ug/Kg	129	*	3		72	117	20
2,4,5-Trichlorophenol	2400		2900	ug/Kg	121	*	11		72	117	20
1,1-Biphenyl	2400	320	3700	ug/Kg	141	*	10		75	113	20
2-Chloronaphthalene	2400		3100	ug/Kg	129	*	6		67	118	20
2-Nitroaniline	2400		3900	ug/Kg	163	*	14		69	127	20
Dimethylphthalate	2400		3400	ug/Kg	142	*	3		70	113	20
Acenaphthylene	2400	1700	4000	ug/Kg	96		9		79	118	20
2,6-Dinitrotoluene	2400		4300	ug/Kg	179	*	7		70	125	20
3-Nitroaniline	2400		2300	ug/Kg	96		9		20	111	20
Acenaphthene	2400	560	3600	ug/Kg	127	*	7		70	121	20
Total PAH	38400	116800	153300	ug/Kg	141	*	20		70	121	20
2,4-Dinitrophenol	4900		5900	ug/Kg	120		2		16	160	20
4-Nitrophenol	4900		4100	ug/Kg	84		7		45	133	20
Dibenzofuran	2400	470	3500	ug/Kg	126	*	10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2400		2400	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4800		6700	ug/Kg	140	*	5		55	128	20
Diethylphthalate	2400		3100	ug/Kg	129	*	10		70	112	20
4-Chlorophenyl-phenylether	2400		2600	ug/Kg	108		4		71	108	20
Fluorene	2400	500	2900	ug/Kg	100		8		68	116	20
4-Nitroaniline	2400		2100	ug/Kg	88		0		55	120	20
4,6-Dinitro-2-methylphenol	2400		4200	ug/Kg	175	*	0		32	145	20
N-Nitrosodiphenylamine	2400		3600	ug/Kg	150	*	5		73	118	20
Azobenzene	2400		2500	ug/Kg	104		4		73	110	20
4-Bromophenyl-phenylether	2400		2900	ug/Kg	121		11		65	121	20
Hexachlorobenzene	2400		2500	ug/Kg	104		8		67	118	20
Atrazine	2400		3700	ug/Kg	154	*	8		79	127	20
Pentachlorophenol	4900		3600	ug/Kg	73		9		47	128	20
Phenanthrene	2400	10200	11900	ug/Kg	71	*	43	*	72	113	20
Anthracene	2400	2200	5000	ug/Kg	117		20		62	124	20
Carbazole	2400	870	4200	ug/Kg	139	*	16		59	119	20
Di-n-butylphthalate	2400		3500	ug/Kg	146	*	9		69	118	20
Fluoranthene	2400	19400	21000	ug/Kg	67		177	*	59	125	20
Benzydine	4900			ug/Kg	0	*			10	119	20
Pyrene	2400	10900	11500	ug/Kg	25	*	200	*	52	128	20
Butylbenzylphthalate	2400		2200	ug/Kg	92		4		64	126	20
3,3-Dichlorobenzidine	2400		1600	ug/Kg	67		6		10	164	20
Benzo(a)anthracene	2400	10800	13800	ug/Kg	125	*	30	*	71	114	20
Chrysene	2400	15800	15800	ug/Kg	0	*	200	*	57	121	20
bis(2-Ethylhexyl)phthalate	2400	490	3500	ug/Kg	125		10		66	127	20
Di-n-octyl phthalate	2400		3200	ug/Kg	133	*	6		71	126	20
Benzo(b)fluoranthene	2400	20200	21800	ug/Kg	67		177	*	67	121	20
Benzo(k)fluoranthene	2400	8300	11000	ug/Kg	113		31	*	74	114	20
Benzo(a)pyrene	2400	10200	12100	ug/Kg	79		45	*	70	142	20
Indeno(1,2,3-cd)pyrene	2400	3700	6100	ug/Kg	100		23	*	61	125	20
Dibenz(a,h)anthracene	2400	1300	3700	ug/Kg	100		13		67	130	20
Benzo(g,h,i)perylene	2400	3800	5900	ug/Kg	88		21	*	53	140	20
1,2,4,5-Tetrachlorobenzene	2400		3100	ug/Kg	129	*	6		69	124	20
1,4-Dioxane	2400		2200	ug/Kg	92		0		46	112	20
2,3,4,6-Tetrachlorophenol	2400		2200	ug/Kg	92		10		56	133	20
1-Methylnaphthalene	2400	280	2800	ug/Kg	105		4		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2977-21RE	OSTL-D3RE	BF138416.D	2-Fluorophenol	150	74.50	50		18	112
			Phenol-d6	150	68.67	46		15	107
			Nitrobenzene-d5	100	52.17	52		18	107
			2-Fluorobiphenyl	100	57.49	57		20	109
			2,4,6-Tribromophenol	150	69.88	47		10	110
			Terphenyl-d14	100	37.95	38		14	112

Surrogate Summary

SW-846

SDG No.: **BF070124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3076-01	7-N-1	BF138415.D	2-Fluorophenol	150	77.06	51		18	112
			Phenol-d6	150	73.10	49		15	107
			Nitrobenzene-d5	100	52.32	52		18	107
			2-Fluorobiphenyl	100	56.08	56		20	109
			2,4,6-Tribromophenol	150	62.88	42		10	110
			Terphenyl-d14	100	32.99	33		14	112
P3076-04	7-W-1	BF138414.D	2-Fluorophenol	150	81.37	54		18	112
			Phenol-d6	150	77.76	52		15	107
			Nitrobenzene-d5	100	55.36	55		18	107
			2-Fluorobiphenyl	100	56.52	57		20	109
			2,4,6-Tribromophenol	150	67.36	45		10	110
			Terphenyl-d14	100	33.38	33		14	112
P3076-13	7-B-1	BF138409.D	2-Fluorophenol	150	79.97	53		18	112
			Phenol-d6	150	78.31	52		15	107
			Nitrobenzene-d5	100	54.02	54		18	107
			2-Fluorobiphenyl	100	51.61	52		20	109
			2,4,6-Tribromophenol	150	67.16	45		10	110
			Terphenyl-d14	100	31.94	32		14	112
P3077-01	1-N-1	BF138413.D	2-Fluorophenol	150	77.54	52		18	112
			Phenol-d6	150	74.52	50		15	107
			Nitrobenzene-d5	100	52.17	52		18	107
			2-Fluorobiphenyl	100	49.18	49		20	109
			2,4,6-Tribromophenol	150	63.87	43		10	110
			Terphenyl-d14	100	30.76	31		14	112
P3077-04	1-W-1	BF138412.D	2-Fluorophenol	150	73.06	49		18	112
			Phenol-d6	150	69.56	46		15	107
			Nitrobenzene-d5	100	49.30	49		18	107
			2-Fluorobiphenyl	100	46.66	47		20	109
			2,4,6-Tribromophenol	150	61.37	41		10	110
			Terphenyl-d14	100	28.35	28		14	112
P3077-07	1-S-1	BF138410.D	2-Fluorophenol	150	71.93	48		18	112
			Phenol-d6	150	69.58	46		15	107
			Nitrobenzene-d5	100	47.67	48		18	107
			2-Fluorobiphenyl	100	44.53	45		20	109
			2,4,6-Tribromophenol	150	59.86	40		10	110
			Terphenyl-d14	100	27.34	27		14	112
P3077-10	1-B-1	BF138411.D	2-Fluorophenol	150	75.07	50		18	112
			Phenol-d6	150	72.18	48		15	107
			Nitrobenzene-d5	100	50.32	50		18	107
			2-Fluorobiphenyl	100	46.34	46		20	109
			2,4,6-Tribromophenol	150	60.04	40		10	110
			Terphenyl-d14	100	28.59	29		14	112

Surrogate Summary

SW-846

SDG No.: **BF070124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3073-02	MW12-20240625	BF138400.D	2-Fluorophenol	150	58.28	39		10	139
			Phenol-d6	150	37.32	25		10	134
			Nitrobenzene-d5	100	70.15	70		49	133
			2-Fluorobiphenyl	100	63.78	64		52	132
			2,4,6-Tribromophenol	150	106.16	71		32	145
			Terphenyl-d14	100	56.40	56		36	145
P3073-03	MW14-20240625	BF138401.D	2-Fluorophenol	150	62.04	41		10	139
			Phenol-d6	150	37.93	25		10	134
			Nitrobenzene-d5	100	104.19	104		49	133
			2-Fluorobiphenyl	100	69.27	69		52	132
			2,4,6-Tribromophenol	150	108.12	72		32	145
			Terphenyl-d14	100	56.05	56		36	145
P3092-03	MW6-20240626	BF138402.D	2-Fluorophenol	150	78.07	52		10	139
			Phenol-d6	150	49.99	33		10	134
			Nitrobenzene-d5	100	90.31	90		49	133
			2-Fluorobiphenyl	100	77.59	78		52	132
			2,4,6-Tribromophenol	150	115.13	77		32	145
			Terphenyl-d14	100	59.76	60		36	145
P3092-04	MW6-20240626-A	BF138403.D	2-Fluorophenol	150	82.43	55		10	139
			Phenol-d6	150	52.22	35		10	134
			Nitrobenzene-d5	100	91.64	92		49	133
			2-Fluorobiphenyl	100	77.32	77		52	132
			2,4,6-Tribromophenol	150	115.84	77		32	145
			Terphenyl-d14	100	61.45	61		36	145
P3092-06	MW3-20240626	BF138404.D	2-Fluorophenol	150	72.40	48		10	139
			Phenol-d6	150	44.29	30		10	134
			Nitrobenzene-d5	100	90.24	90		49	133
			2-Fluorobiphenyl	100	82.82	83		52	132
			2,4,6-Tribromophenol	150	120.05	80		32	145
			Terphenyl-d14	100	58.62	59		36	145
P3119-05	MW2-20240627	BF138405.D	2-Fluorophenol	150	76.92	51		10	139
			Phenol-d6	150	50.06	33		10	134
			Nitrobenzene-d5	100	89.48	89		49	133
			2-Fluorobiphenyl	100	83.32	83		52	132
			2,4,6-Tribromophenol	150	120.72	80		32	145
			Terphenyl-d14	100	60.69	61		36	145
P3119-06	FB-20240627	BF138399.D	2-Fluorophenol	150	75.59	50		10	139
			Phenol-d6	150	45.94	31		10	134
			Nitrobenzene-d5	100	88.04	88		49	133
			2-Fluorobiphenyl	100	78.80	79		52	132
			2,4,6-Tribromophenol	150	115.47	77		32	145
			Terphenyl-d14	100	67.50	68		36	145
PB161809BL	PB161809BL	BF138396.D	2-Fluorophenol	150	123.64	82		10	139
			Phenol-d6	150	124.19	83		10	134
			Nitrobenzene-d5	100	83.50	84		49	133
			2-Fluorobiphenyl	100	75.04	75		52	132
			2,4,6-Tribromophenol	150	114.97	77		32	145
			Terphenyl-d14	100	79.98	80		36	145
PB161809BS	PB161809BS	BF138397.D	2-Fluorophenol	150	119.64	80		10	139



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BF070124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161809BS	PB161809BS	BF138397.D	Phenol-d6	150	121.33	81		10	134
			Nitrobenzene-d5	100	80.61	81		49	133
			2-Fluorobiphenyl	100	74.97	75		52	132
			2,4,6-Tribromophenol	150	117.87	79		32	145
			Terphenyl-d14	100	81.29	81		36	145
PB161809BSD	PB161809BSD	BF138398.D	2-Fluorophenol	150	120.33	80		10	139
			Phenol-d6	150	121.56	81		10	134
			Nitrobenzene-d5	100	80.47	80		49	133
			2-Fluorobiphenyl	100	74.23	74		52	132
			2,4,6-Tribromophenol	150	118.88	79		32	145
			Terphenyl-d14	100	81.26	81		36	145

Surrogate Summary

SW-846

SDG No.: **BF070124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3115-12	VNJ-325	BF138406.D	2-Fluorophenol	150	136.32	91		18	112
			Phenol-d6	150	135.22	90		15	107
			Nitrobenzene-d5	100	87.50	88		18	107
			2-Fluorobiphenyl	100	113.94	114	*	20	109
			2,4,6-Tribromophenol	150	102.18	68		10	110
			Terphenyl-d14	100	53.79	54		14	112
P3115-12MS	VNJ-325MS	BF138407.D	2-Fluorophenol	150	115.83	77		18	112
			Phenol-d6	150	115.76	77		15	107
			Nitrobenzene-d5	100	75.10	75		18	107
			2-Fluorobiphenyl	100	98.88	99		20	109
			2,4,6-Tribromophenol	150	89.04	59		10	110
			Terphenyl-d14	100	46.29	46		14	112
P3115-12MSD	VNJ-325MSD	BF138408.D	2-Fluorophenol	150	122.58	82		18	112
			Phenol-d6	150	124.44	83		15	107
			Nitrobenzene-d5	100	81.71	82		18	107
			2-Fluorobiphenyl	100	106.72	107		20	109
			2,4,6-Tribromophenol	150	94.99	63		10	110
			Terphenyl-d14	100	50.78	51		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070124

Lab Code: CHEM

SAS No.: BF070124

SDG NO.: BF070124

Lab File ID: BF138394.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	82.2
443	15.0 - 24.0% of mass 442	16 (19.5) 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	BF138395.D	07/01/2024	10:57
PB161809BL	PB161809BL	BF138396.D	07/01/2024	11:26
PB161809BS	PB161809BS	BF138397.D	07/01/2024	11:58
PB161809BSD	PB161809BSD	BF138398.D	07/01/2024	12:28
FB-20240627	P3119-06	BF138399.D	07/01/2024	13:09
MW12-20240625	P3073-02	BF138400.D	07/01/2024	13:38
MW14-20240625	P3073-03	BF138401.D	07/01/2024	14:07
MW6-20240626	P3092-03	BF138402.D	07/01/2024	14:37
MW6-20240626-A	P3092-04	BF138403.D	07/01/2024	15:06
MW3-20240626	P3092-06	BF138404.D	07/01/2024	15:35
MW2-20240627	P3119-05	BF138405.D	07/01/2024	16:05
VNJ-325	P3115-12	BF138406.D	07/01/2024	16:35
VNJ-325MS	P3115-12MS	BF138407.D	07/01/2024	17:05
VNJ-325MSD	P3115-12MSD	BF138408.D	07/01/2024	17:35
7-B-1	P3076-13	BF138409.D	07/01/2024	18:06
1-S-1	P3077-07	BF138410.D	07/01/2024	18:36
1-B-1	P3077-10	BF138411.D	07/01/2024	19:05
1-W-1	P3077-04	BF138412.D	07/01/2024	19:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070124

Lab Code: CHEM

SAS No.: BF070124

SDG NO.: BF070124

Lab File ID: BF138394.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	82.2
443	15.0 - 24.0% of mass 442	16 (19.5) 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
1-N-1	P3077-01	BF138413.D	07/01/2024	20:04
7-W-1	P3076-04	BF138414.D	07/01/2024	20:34
7-N-1	P3076-01	BF138415.D	07/01/2024	21:05
OSTL-D3RE	P2977-21RE	BF138416.D	07/01/2024	21:34