

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF070224 SAS No.: BF070224 SDG No.: BF070224
Instrument ID: BNA_F Calibration Date/Time: 7/2/2024 12:09:43
Lab File ID: BF138418.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	0.899		6.265	
Pyridine	1.356	1.500		10.619	
2-Fluorophenol	1.206	1.247		3.4	
Benzaldehyde	1.003	1.015		1.196	
Aniline	1.586	1.666		5.044	
Phenol-d6	1.625	1.669		2.708	
Phenol	1.731	1.803		4.159	20.0
bis(2-Chloroethyl) ether	1.360	1.397		2.721	
2-Chlorophenol	1.295	1.337		3.243	
1,2-Dichlorobenzene	1.373	1.357		-1.165	
1,3-Dichlorobenzene	1.483	1.471		-0.809	
1,4-Dichlorobenzene	1.487	1.480		-0.471	20.0
Benzyl Alcohol	1.164	1.197		2.835	
2-Methylphenol	1.073	1.105		2.982	
2,2-oxybis(1-Chloropropane)	2.743	2.789		1.677	
Acetophenone	0.454	0.437		-3.744	
3+4-Methylphenols	1.247	1.290		3.448	
n-Nitroso-di-n-propylamine	1.024	0.968	0.050	-5.469	
Nitrobenzene-d5	0.385	0.389		1.039	
Hexachloroethane	0.536	0.543		1.306	
Nitrobenzene	0.392	0.400		2.041	
Isophorone	0.710	0.695		-2.113	
2-Nitrophenol	0.169	0.182		7.692	20.0
2,4-Dimethylphenol	0.216	0.222		2.778	
bis(2-Chloroethoxy) methane	0.427	0.422		-1.171	
2,4-Dichlorophenol	0.278	0.277		-0.36	20.0
1,2,4-Trichlorobenzene	0.323	0.307		-4.954	
Benzoic acid	0.183	0.207		13.115	
Naphthalene	1.011	0.996		-1.484	
4-Chloroaniline	0.353	0.355		0.567	
Hexachlorobutadiene	0.194	0.182		-6.186	20.0
Caprolactam	0.088	0.090		2.273	
4-Chloro-3-methylphenol	0.296	0.294		-0.676	20.0
2-Methylnaphthalene	0.653	0.626		-4.135	
Hexachlorocyclopentadiene	0.163	0.150	0.050	-7.975	
2,4,6-Trichlorophenol	0.352	0.340		-3.409	20.0
2-Fluorobiphenyl	1.257	1.148		-8.671	
2,4,5-Trichlorophenol	0.383	0.376		-1.828	
1,1-Biphenyl	1.493	1.424		-4.622	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.139	1.105		-2.985	
2-Nitroaniline	0.367	0.388		5.722	
Dimethylphthalate	1.285	1.239		-3.58	
Acenaphthylene	1.601	1.563		-2.374	
2,6-Dinitrotoluene	0.288	0.293		1.736	
3-Nitroaniline	0.284	0.293		3.169	
Acenaphthene	1.096	1.086		-0.912	20.0
2,4-Dinitrophenol	0.094	0.114	0.050	21.277	
4-Nitrophenol	0.184	0.198	0.050	7.609	
Dibenzofuran	1.511	1.474		-2.449	
2,4-Dinitrotoluene	0.354	0.372		5.085	
Diethylphthalate	1.202	1.153		-4.077	
4-Chlorophenyl-phenylether	0.609	0.547		-10.181	
Fluorene	1.200	1.107		-7.75	
4-Nitroaniline	0.261	0.264		1.149	
4,6-Dinitro-2-methylphenol	0.096	0.111		15.625	
n-Nitrosodiphenylamine	0.621	0.602		-3.06	20.0
Azobenzene	1.269	1.285		1.261	
2,4,6-Tribromophenol	0.163	0.159		-2.454	
4-Bromophenyl-phenylether	0.215	0.209		-2.791	
Hexachlorobenzene	0.237	0.225		-5.063	
Atrazine	0.174	0.160		-8.046	
Pentachlorophenol	0.120	0.122		1.667	20.0
Phenanthrene	0.976	0.965		-1.127	
Anthracene	0.974	0.958		-1.643	
Carbazole	0.808	0.782		-3.218	
Di-n-butylphthalate	1.025	0.976		-4.78	
Fluoranthene	0.875	0.818		-6.514	20.0
Benzidine	0.160	0.073		-54.375	
Pyrene	2.138	1.822		-14.78	
Terphenyl-d14	1.459	1.205		-17.409	
Butylbenzylphthalate	0.650	0.581		-10.615	
3,3-Dichlorobenzidine	0.380	0.400		5.263	
Benzo(a)anthracene	1.287	1.268		-1.476	
Chrysene	1.253	1.233		-1.596	
Bis(2-ethylhexyl)phthalate	0.816	0.848		3.922	
Di-n-octyl phthalate	1.428	1.702		19.188	20.0
Benzo(b)fluoranthene	1.097	1.124		2.461	
Benzo(k)fluoranthene	1.011	0.973		-3.759	

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Lab Code: CHEM Case No.: BF070224 SAS No.: BF070224 SDG No.: BF070224

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Lab File ID: BF138418.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	0.953		-0.936	20.0
Indeno(1,2,3-cd)pyrene	1.005	0.950		-5.473	
Dibenzo(a,h)anthracene	0.811	0.751		-7.398	
Benzo(g,h,i)perylene	0.794	0.748		-5.793	
1,2,4,5-Tetrachlorobenzene	0.553	0.527		-4.702	
1,4-Dioxane	0.568	0.620		9.155	20.0
2,3,4,6-Tetrachlorophenol	0.284	0.286		0.704	
1-Methylnaphthalene	0.634	0.612		-3.47	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF070224 SAS No.: BF070224 SDG No.: BF070224

Instrument ID: BNA_F Calibration Date/Time: 7/2/2024 12:15:56

Lab File ID: BF138429.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	0.890		5.201	
Pyridine	1.356	1.508		11.209	
2-Fluorophenol	1.206	1.232		2.156	
Benzaldehyde	1.003	1.035		3.19	
Aniline	1.586	1.684		6.179	
Phenol-d6	1.625	1.675		3.077	
Phenol	1.731	1.816		4.91	20.0
bis(2-Chloroethyl) ether	1.360	1.404		3.235	
2-Chlorophenol	1.295	1.329		2.625	
1,2-Dichlorobenzene	1.373	1.361		-0.874	
1,3-Dichlorobenzene	1.483	1.483		0.0	
1,4-Dichlorobenzene	1.487	1.485		-0.134	20.0
Benzyl Alcohol	1.164	1.201		3.179	
2-Methylphenol	1.073	1.106		3.075	
2,2-oxybis(1-Chloropropane)	2.743	2.840		3.536	
Acetophenone	0.454	0.436		-3.965	
3+4-Methylphenols	1.247	1.291		3.528	
n-Nitroso-di-n-propylamine	1.024	0.996	0.050	-2.734	
Nitrobenzene-d5	0.385	0.403		4.675	
Hexachloroethane	0.536	0.544		1.493	
Nitrobenzene	0.392	0.397		1.276	
Isophorone	0.710	0.694		-2.254	
2-Nitrophenol	0.169	0.178		5.325	20.0
2,4-Dimethylphenol	0.216	0.220		1.852	
bis(2-Chloroethoxy) methane	0.427	0.423		-0.937	
2,4-Dichlorophenol	0.278	0.271		-2.518	20.0
1,2,4-Trichlorobenzene	0.323	0.306		-5.263	
Benzoic acid	0.183	0.189		3.279	
Naphthalene	1.011	0.983		-2.77	
4-Chloroaniline	0.353	0.349		-1.133	
Hexachlorobutadiene	0.194	0.181		-6.701	20.0
Caprolactam	0.088	0.088		0.0	
4-Chloro-3-methylphenol	0.296	0.291		-1.689	20.0
2-Methylnaphthalene	0.653	0.629		-3.675	
Hexachlorocyclopentadiene	0.163	0.145	0.050	-11.043	
2,4,6-Trichlorophenol	0.352	0.345		-1.989	20.0
2-Fluorobiphenyl	1.257	1.195		-4.932	
2,4,5-Trichlorophenol	0.383	0.365		-4.7	
1,1-Biphenyl	1.493	1.420		-4.889	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.139	1.102		-3.248	
2-Nitroaniline	0.367	0.379		3.27	
Dimethylphthalate	1.285	1.223		-4.825	
Acenaphthylene	1.601	1.578		-1.437	
2,6-Dinitrotoluene	0.288	0.290		0.694	
3-Nitroaniline	0.284	0.282		-0.704	
Acenaphthene	1.096	1.073		-2.099	20.0
2,4-Dinitrophenol	0.094	0.105	0.050	11.702	
4-Nitrophenol	0.184	0.170	0.050	-7.609	
Dibenzofuran	1.511	1.470		-2.713	
2,4-Dinitrotoluene	0.354	0.359		1.412	
Diethylphthalate	1.202	1.149		-4.409	
4-Chlorophenyl-phenylether	0.609	0.550		-9.688	
Fluorene	1.200	1.102		-8.167	
4-Nitroaniline	0.261	0.242		-7.28	
4,6-Dinitro-2-methylphenol	0.096	0.111		15.625	
n-Nitrosodiphenylamine	0.621	0.621		0.0	20.0
Azobenzene	1.269	1.263		-0.473	
2,4,6-Tribromophenol	0.163	0.155		-4.908	
4-Bromophenyl-phenylether	0.215	0.214		-0.465	
Hexachlorobenzene	0.237	0.233		-1.688	
Atrazine	0.174	0.158		-9.195	
Pentachlorophenol	0.120	0.121		0.833	20.0
Phenanthrene	0.976	0.948		-2.869	
Anthracene	0.974	0.955		-1.951	
Carbazole	0.808	0.750		-7.178	
Di-n-butylphthalate	1.025	0.982		-4.195	
Fluoranthene	0.875	0.768		-12.229	20.0
Benzidine	0.160	0.092		-42.5	
Pyrene	2.138	1.673		-21.749	
Terphenyl-d14	1.459	1.155		-20.836	
Butylbenzylphthalate	0.650	0.566		-12.923	
3,3-Dichlorobenzidine	0.380	0.410		7.895	
Benzo(a)anthracene	1.287	1.267		-1.554	
Chrysene	1.253	1.236		-1.357	
Bis(2-ethylhexyl)phthalate	0.816	0.824		0.98	
Di-n-octyl phthalate	1.428	1.566		9.664	20.0
Benzo(b)fluoranthene	1.097	1.071		-2.37	
Benzo(k)fluoranthene	1.011	1.085		7.319	

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 Lab File ID: BF138429.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	0.954		-0.832	20.0
Indeno(1,2,3-cd)pyrene	1.005	0.898		-10.647	
Dibenzo(a,h)anthracene	0.811	0.721		-11.097	
Benzo(g,h,i)perylene	0.794	0.717		-9.698	
1,2,4,5-Tetrachlorobenzene	0.553	0.523		-5.425	
1,4-Dioxane	0.568	0.612		7.746	20.0
2,3,4,6-Tetrachlorophenol	0.284	0.282		-0.704	
1-Methylnaphthalene	0.634	0.610		-3.785	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BL	SDG No.:	BF070224
Lab Sample ID:	PB161853BL	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
BF138419.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BL	SDG No.:	BF070224
Lab Sample ID:	PB161853BL	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
BF138419.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BL	SDG No.:	BF070224
Lab Sample ID:	PB161853BL	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
BF138419.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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	117.934		10-139		79	SPK: -150
13127-88-3	Phenol-d6	117.205		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	78.26		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	70.945		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BL	SDG No.:	BF070224
Lab Sample ID:	PB161853BL	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
BF138419.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.207		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	65.303		36-145		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203162	6.875				
1146-65-2	Naphthalene-d8	844809	8.151				
15067-26-2	Acenaphthene-d10	471929	9.91				
1517-22-2	Phenanthrene-d10	786305	11.392				
1719-03-5	Chrysene-d12	341581	14.027				
1520-96-3	Perylene-d12	334806	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.9	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.6	A			5.122	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	6.4	J			12.792	
000123-95-5	Octadecanoic acid, butyl ester	3.6	J			13.498	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BS	SDG No.:	BF070224
Lab Sample ID:	PB161853BS	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
BF138420.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3		1	8	10	ug/L
110-86-1	Pyridine	37.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	6.8	J	4	8	10	ug/L
62-53-3	Aniline	29.5		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	45.2		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	43.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.2		1.4	4	5	ug/L
98-86-2	Acetophenone	41.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.1		1	4	5	ug/L
98-95-3	Nitrobenzene	41.8		1.3	4	5	ug/L
78-59-1	Isophorone	43.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	48.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.8		5.5	8	10	ug/L
91-20-3	Naphthalene	41		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BS	SDG No.:	BF070224
Lab Sample ID:	PB161853BS	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
BF138420.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	41.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	39.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.4		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	713.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	95.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	97.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	41.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.2		0.98	4	5	ug/L
86-73-7	Fluorene	38.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.4		0.89	4	5	ug/L
103-33-3	Azobenzene	44.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	39.8		1.1	4	5	ug/L
1912-24-9	Atrazine	44		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BS	SDG No.:	BF070224
Lab Sample ID:	PB161853BS	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
BF138420.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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	42.8		0.89	4	5	ug/L
120-12-7	Anthracene	43.2		1.1	4	5	ug/L
86-74-8	Carbazole	42.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	42.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	41.4		1.3	4	5	ug/L
92-87-5	Benzidine	43		4.1	8	10	ug/L
129-00-0	Pyrene	39		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	42.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.94	4	5	ug/L
218-01-9	Chrysene	45.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.679		10-139		81	SPK: -150
13127-88-3	Phenol-d6	122.357		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	81.196		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	73.354		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161853BS	SDG No.:	BF070224
Lab Sample ID:	PB161853BS	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
BF138420.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.501		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	72.109		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197326	6.875				
1146-65-2	Naphthalene-d8	814531	8.157				
15067-26-2	Acenaphthene-d10	444346	9.916				
1517-22-2	Phenanthrene-d10	709134	11.398				
1719-03-5	Chrysene-d12	297620	14.033				
1520-96-3	Perylene-d12	365567	15.498				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161814TB	SDG No.:	BF070224
Lab Sample ID:	PB161814TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138421.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161814TB	SDG No.:	BF070224
Lab Sample ID:	PB161814TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138421.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161814TB	SDG No.:	BF070224
Lab Sample ID:	PB161814TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138421.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.749		10-139		84	SPK: -150
13127-88-3	Phenol-d6	122.75		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	83.131		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	75.329		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161814TB	SDG No.:	BF070224
Lab Sample ID:	PB161814TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138421.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.054		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	71.035		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209513	6.875				
1146-65-2	Naphthalene-d8	871262	8.151				
15067-26-2	Acenaphthene-d10	486428	9.91				
1517-22-2	Phenanthrene-d10	791775	11.392				
1719-03-5	Chrysene-d12	341911	14.027				
1520-96-3	Perylene-d12	310421	15.492				



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	PB161833BL			SDG No.:	BF070224	
Lab Sample ID:	PB161833BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138422.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

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:	PB161833BL	SDG No.:	BF070224
Lab Sample ID:	PB161833BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138422.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

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:	PB161833BL	SDG No.:	BF070224
Lab Sample ID:	PB161833BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138422.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.684		18-112		78	SPK: -150
13127-88-3	Phenol-d6	118.502		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	78.534		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	71.208		20-109		71	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:	PB161833BL	SDG No.:	BF070224
Lab Sample ID:	PB161833BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138422.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.987		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	65.355		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200757	6.875				
1146-65-2	Naphthalene-d8	828739	8.151				
15067-26-2	Acenaphthene-d10	463912	9.91				
1517-22-2	Phenanthrene-d10	768983	11.392				
1719-03-5	Chrysene-d12	334824	14.027				
1520-96-3	Perylene-d12	323677	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A			5.116	
000111-06-8	Hexadecanoic acid, butyl ester	200	J			12.792	
000123-95-5	Octadecanoic acid, butyl ester	110	J			13.498	

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:	PB161833BS	SDG No.:	BF070224
Lab Sample ID:	PB161833BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138423.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	2400		180	270	330	ug/Kg
62-53-3	Aniline	970		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	770		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1200		83.2	130	170	ug/Kg

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:	PB161833BS	SDG No.:	BF070224
Lab Sample ID:	PB161833BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138423.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.3	130	170	ug/Kg

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:	PB161833BS	SDG No.:	BF070224
Lab Sample ID:	PB161833BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138423.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	1300		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.61		18-112		80	SPK: -150
13127-88-3	Phenol-d6	119.664		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.753		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	74.352		20-109		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:	PB161833BS	SDG No.:	BF070224
Lab Sample ID:	PB161833BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138423.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.533		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	70.367		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193419	6.875				
1146-65-2	Naphthalene-d8	783773	8.157				
15067-26-2	Acenaphthene-d10	421613	9.91				
1517-22-2	Phenanthrene-d10	692295	11.398				
1719-03-5	Chrysene-d12	296409	14.033				
1520-96-3	Perylene-d12	354290	15.498				

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.:	BF070224
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
BF138424.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.8		1	8	10	ug/L
110-86-1	Pyridine	36.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	70.7		4	8	10	ug/L
62-53-3	Aniline	29.7		1.6	4	5	ug/L
108-95-2	Phenol	44.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.7		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	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.2		1.4	4	5	ug/L
98-86-2	Acetophenone	41		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.5		1	4	5	ug/L
98-95-3	Nitrobenzene	41.7		1.3	4	5	ug/L
78-59-1	Isophorone	42.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	47.6		5.5	8	10	ug/L
91-20-3	Naphthalene	40.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.4		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.:	BF070224
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
BF138424.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	40.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	39.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	43.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.8		0.81	4	5	ug/L
Total PAH	Total PAH	707.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	95.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.2		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.5		2.7	4	10	ug/L
84-66-2	Diethylphthalate	41.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.1		0.98	4	5	ug/L
86-73-7	Fluorene	38.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.4		0.89	4	5	ug/L
103-33-3	Azobenzene	43.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	38.7		1.1	4	5	ug/L
1912-24-9	Atrazine	43.1		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.:	BF070224
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
BF138424.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42		0.89	4	5	ug/L
120-12-7	Anthracene	42		1.1	4	5	ug/L
86-74-8	Carbazole	42.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	42.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	41.2		1.3	4	5	ug/L
92-87-5	Benzidine	41.7		4.1	8	10	ug/L
129-00-0	Pyrene	39.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	43.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.94	4	5	ug/L
218-01-9	Chrysene	44.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.299		10-139		80	SPK: -150
13127-88-3	Phenol-d6	121.214		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	80.778		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	72.773		52-132		73	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.:	BF070224
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
BF138424.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.897		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	74.29		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198824	6.875				
1146-65-2	Naphthalene-d8	825252	8.157				
15067-26-2	Acenaphthene-d10	449304	9.91				
1517-22-2	Phenanthrene-d10	733046	11.398				
1719-03-5	Chrysene-d12	301632	14.033				
1520-96-3	Perylene-d12	359116	15.498				

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.:	BF070224
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
BF138425.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.3		1	8	10	ug/L
110-86-1	Pyridine	36.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	69.8		4	8	10	ug/L
62-53-3	Aniline	29.4		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	44.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.2		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	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.2		1.4	4	5	ug/L
98-86-2	Acetophenone	41.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.1		1	4	5	ug/L
98-95-3	Nitrobenzene	41.2		1.3	4	5	ug/L
78-59-1	Isophorone	42		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.1		5.5	8	10	ug/L
91-20-3	Naphthalene	40.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	23.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	36.8		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:	PB161809BSD	SDG No.:	BF070224
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
BF138425.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	40.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.1		0.81	4	5	ug/L
Total PAH	Total PAH	705.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	92.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	92.7	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)	86.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	41.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.7		0.98	4	5	ug/L
86-73-7	Fluorene	38.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.1		0.89	4	5	ug/L
103-33-3	Azobenzene	44		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	40.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.4		1.1	4	5	ug/L
1912-24-9	Atrazine	43		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.:	BF070224
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
BF138425.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43		0.89	4	5	ug/L
120-12-7	Anthracene	43		1.1	4	5	ug/L
86-74-8	Carbazole	42.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	41.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	39.9		1.3	4	5	ug/L
92-87-5	Benzidine	42.5		4.1	8	10	ug/L
129-00-0	Pyrene	36.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	40		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.94	4	5	ug/L
218-01-9	Chrysene	43.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	50.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.766		10-139		81	SPK: -150
13127-88-3	Phenol-d6	120.172		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.337		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	73.896		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.:	BF070224
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
BF138425.D	1	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.219		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	68.491		36-145		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184057	6.875				
1146-65-2	Naphthalene-d8	759694	8.157				
15067-26-2	Acenaphthene-d10	409137	9.91				
1517-22-2	Phenanthrene-d10	660667	11.398				
1719-03-5	Chrysene-d12	288985	14.033				
1520-96-3	Perylene-d12	351526	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:	MW12-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-02DL	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
BF138426.D	5	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.2	U	5.2	40.4	50.5	ug/L
110-86-1	Pyridine	7.8	U	7.8	20.2	25.3	ug/L
100-52-7	Benzaldehyde	20.2	U	20.2	40.4	50.5	ug/L
62-53-3	Aniline	8.1	U	8.1	20.2	25.3	ug/L
108-95-2	Phenol	4.7	U	4.7	20.2	25.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	6	U	6	20.2	25.3	ug/L
95-57-8	2-Chlorophenol	3.6	U	3.6	20.2	25.3	ug/L
95-50-1	1,2-Dichlorobenzene	4.4	U	4.4	20.2	25.3	ug/L
541-73-1	1,3-Dichlorobenzene	4	U	4	20.2	25.3	ug/L
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	20.2	25.3	ug/L
100-51-6	Benzyl Alcohol	8.1	U	8.1	40.4	50.5	ug/L
95-48-7	2-Methylphenol	5.7	U	5.7	20.2	25.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.8	U	6.8	20.2	25.3	ug/L
98-86-2	Acetophenone	5.6	U	5.6	20.2	25.3	ug/L
65794-96-9	3+4-Methylphenols	5.8	U	5.8	40.4	50.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.5	U	7.5	12.6	12.6	ug/L
67-72-1	Hexachloroethane	5.1	U	5.1	20.2	25.3	ug/L
98-95-3	Nitrobenzene	6.4	U	6.4	20.2	25.3	ug/L
78-59-1	Isophorone	5.8	U	5.8	20.2	25.3	ug/L
88-75-5	2-Nitrophenol	9.9	U	9.9	20.2	25.3	ug/L
105-67-9	2,4-Dimethylphenol	7.6	U	7.6	20.2	25.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.2	U	5.2	20.2	25.3	ug/L
120-83-2	2,4-Dichlorophenol	4.4	U	4.4	20.2	25.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.6	U	5.6	20.2	25.3	ug/L
65-85-0	Benzoic acid	27.6	U	27.6	40.4	50.5	ug/L
91-20-3	Naphthalene	600	ED	5.2	20.2	25.3	ug/L
106-47-8	4-Chloroaniline	6.6	U	6.6	20.2	25.3	ug/L
87-68-3	Hexachlorobutadiene	6.4	U	6.4	20.2	25.3	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:	MW12-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-02DL	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
BF138426.D	5	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	U	8.3	40.4	50.5	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	U	4.2	20.2	25.3	ug/L
91-57-6	2-Methylnaphthalene	100	D	5.7	20.2	25.3	ug/L
77-47-4	Hexachlorocyclopentadiene	25.4	U	25.4	40.4	50.5	ug/L
88-06-2	2,4,6-Trichlorophenol	4.5	U	4.5	20.2	25.3	ug/L
95-95-4	2,4,5-Trichlorophenol	5.1	U	5.1	20.2	25.3	ug/L
92-52-4	1,1-Biphenyl	51.3	D	4.6	20.2	25.3	ug/L
91-58-7	2-Chloronaphthalene	4.9	U	4.9	20.2	25.3	ug/L
88-74-4	2-Nitroaniline	7.1	U	7.1	20.2	25.3	ug/L
131-11-3	Dimethylphthalate	4.7	U	4.7	20.2	25.3	ug/L
208-96-8	Acenaphthylene	5.3	U	5.3	20.2	25.3	ug/L
606-20-2	2,6-Dinitrotoluene	6.3	U	6.3	20.2	25.3	ug/L
99-09-2	3-Nitroaniline	6.9	U	6.9	20.2	25.3	ug/L
83-32-9	Acenaphthene	73.9	D	4.1	20.2	25.3	ug/L
Total PAH	Total PAH	764.3	D	87.4	20.2	404.8	ug/L
51-28-5	2,4-Dinitrophenol	32.4	U	32.4	40.4	50.5	ug/L
100-02-7	4-Nitrophenol	10.1	U	10.1	40.4	50.5	ug/L
132-64-9	Dibenzofuran	4.7	U	4.7	20.2	25.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14	U	14	20.2	50.6	ug/L
121-14-2	2,4-Dinitrotoluene	7.7	U	7.7	20.2	25.3	ug/L
84-66-2	Diethylphthalate	5.3	U	5.3	20.2	25.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	U	4.9	20.2	25.3	ug/L
86-73-7	Fluorene	30	D	4.8	20.2	25.3	ug/L
100-01-6	4-Nitroaniline	10.3	U	10.3	20.2	25.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.5	U	15.5	40.4	50.5	ug/L
86-30-6	n-Nitrosodiphenylamine	4.5	U	4.5	20.2	25.3	ug/L
103-33-3	Azobenzene	6.1	U	6.1	20.2	25.3	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	U	4.8	20.2	25.3	ug/L
118-74-1	Hexachlorobenzene	5.8	U	5.8	20.2	25.3	ug/L
1912-24-9	Atrazine	6.4	U	6.4	20.2	25.3	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:	MW12-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-02DL	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
BF138426.D	5	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	9.3	U	9.3	40.4	50.5	ug/L
85-01-8	Phenanthrene	49.8	D	4.5	20.2	25.3	ug/L
120-12-7	Anthracene	10.6	JD	5.4	20.2	25.3	ug/L
86-74-8	Carbazole	5.8	U	5.8	20.2	25.3	ug/L
84-74-2	Di-n-butylphthalate	7.4	U	7.4	20.2	25.3	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	20.2	25.3	ug/L
92-87-5	Benzidine	20.6	U	20.6	40.4	50.5	ug/L
129-00-0	Pyrene	5.4	U	5.4	20.2	25.3	ug/L
85-68-7	Butylbenzylphthalate	10.6	U	10.6	20.2	25.3	ug/L
91-94-1	3,3-Dichlorobenzidine	6.5	U	6.5	40.4	50.5	ug/L
56-55-3	Benzo(a)anthracene	4.7	U	4.7	20.2	25.3	ug/L
218-01-9	Chrysene	4.3	U	4.3	20.2	25.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.5	U	9.5	20.2	25.3	ug/L
117-84-0	Di-n-octyl phthalate	12.6	U	12.6	40.4	50.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.8	U	5.8	20.2	25.3	ug/L
207-08-9	Benzo(k)fluoranthene	6	U	6	20.2	25.3	ug/L
50-32-8	Benzo(a)pyrene	8.4	U	8.4	20.2	25.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.2	U	5.2	20.2	25.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.8	U	5.8	20.2	25.3	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	20.2	25.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.5	U	5.5	20.2	25.3	ug/L
123-91-1	1,4-Dioxane	6.3	U	6.3	20.2	25.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4	U	4	20.2	25.3	ug/L
90-12-0	1-Methylnaphthalene	340	D	4.3	20.2	25.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	75.97		10-139		51	SPK: -150
13127-88-3	Phenol-d6	47.66		10-134		32	SPK: -150
4165-60-0	Nitrobenzene-d5	88.56		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	101.1		52-132		101	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:	MW12-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-02DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138426.D	5	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.4		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	87.475		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155771	6.875				
1146-65-2	Naphthalene-d8	601463	8.157				
15067-26-2	Acenaphthene-d10	309723	9.91				
1517-22-2	Phenanthrene-d10	491331	11.392				
1719-03-5	Chrysene-d12	293366	14.027				
1520-96-3	Perylene-d12	280751	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:	MW14-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-03DL	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
BF138427.D	20	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	21	U	21	160	200	ug/L
110-86-1	Pyridine	31.6	U	31.6	81.6	100	ug/L
100-52-7	Benzaldehyde	81.6	U	81.6	160	200	ug/L
62-53-3	Aniline	32.7	U	32.7	81.6	100	ug/L
108-95-2	Phenol	19	U	19	81.6	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	81.6	100	ug/L
95-57-8	2-Chlorophenol	14.5	U	14.5	81.6	100	ug/L
95-50-1	1,2-Dichlorobenzene	18	U	18	81.6	100	ug/L
541-73-1	1,3-Dichlorobenzene	16.3	U	16.3	81.6	100	ug/L
106-46-7	1,4-Dichlorobenzene	17.1	U	17.1	81.6	100	ug/L
100-51-6	Benzyl Alcohol	32.7	U	32.7	160	200	ug/L
95-48-7	2-Methylphenol	23.1	U	23.1	81.6	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27.6	U	27.6	81.6	100	ug/L
98-86-2	Acetophenone	22.4	U	22.4	81.6	100	ug/L
65794-96-9	3+4-Methylphenols	23.5	U	23.5	160	200	ug/L
621-64-7	n-Nitroso-di-n-propylamine	30.2	U	30.2	51	51	ug/L
67-72-1	Hexachloroethane	20.6	U	20.6	81.6	100	ug/L
98-95-3	Nitrobenzene	25.9	U	25.9	81.6	100	ug/L
78-59-1	Isophorone	23.3	U	23.3	81.6	100	ug/L
88-75-5	2-Nitrophenol	40	U	40	81.6	100	ug/L
105-67-9	2,4-Dimethylphenol	30.8	U	30.8	81.6	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.8	U	20.8	81.6	100	ug/L
120-83-2	2,4-Dichlorophenol	18	U	18	81.6	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	22.4	U	22.4	81.6	100	ug/L
65-85-0	Benzoic acid	110	U	110	160	200	ug/L
91-20-3	Naphthalene	1600	D	20.8	81.6	100	ug/L
106-47-8	4-Chloroaniline	26.5	U	26.5	81.6	100	ug/L
87-68-3	Hexachlorobutadiene	25.9	U	25.9	81.6	100	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:	MW14-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-03DL	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
BF138427.D	20	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	33.7	U	33.7	160	200	ug/L
59-50-7	4-Chloro-3-methylphenol	17.1	U	17.1	81.6	100	ug/L
91-57-6	2-Methylnaphthalene	340	D	23.1	81.6	100	ug/L
77-47-4	Hexachlorocyclopentadiene	100	U	100	160	200	ug/L
88-06-2	2,4,6-Trichlorophenol	18.2	U	18.2	81.6	100	ug/L
95-95-4	2,4,5-Trichlorophenol	20.6	U	20.6	81.6	100	ug/L
92-52-4	1,1-Biphenyl	18.6	U	18.6	81.6	100	ug/L
91-58-7	2-Chloronaphthalene	19.8	U	19.8	81.6	100	ug/L
88-74-4	2-Nitroaniline	28.8	U	28.8	81.6	100	ug/L
131-11-3	Dimethylphthalate	19	U	19	81.6	100	ug/L
208-96-8	Acenaphthylene	21.2	U	21.2	81.6	100	ug/L
606-20-2	2,6-Dinitrotoluene	25.3	U	25.3	81.6	100	ug/L
99-09-2	3-Nitroaniline	28	U	28	81.6	100	ug/L
83-32-9	Acenaphthene	91.7	JD	16.5	81.6	100	ug/L
Total PAH	Total PAH	1743.1	D	352.9	81.6	1600	ug/L
51-28-5	2,4-Dinitrophenol	130	U	130	160	200	ug/L
100-02-7	4-Nitrophenol	40.8	U	40.8	160	200	ug/L
132-64-9	Dibenzofuran	19	U	19	81.6	100	ug/L
121-14-2	2,4-Dinitrotoluene	31	U	31	81.6	100	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	56.3	U	56.3	81.6	200	ug/L
84-66-2	Diethylphthalate	21.2	U	21.2	81.6	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	81.6	100	ug/L
86-73-7	Fluorene	19.6	U	19.6	81.6	100	ug/L
100-01-6	4-Nitroaniline	41.6	U	41.6	81.6	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	62.7	U	62.7	160	200	ug/L
86-30-6	n-Nitrosodiphenylamine	18.2	U	18.2	81.6	100	ug/L
103-33-3	Azobenzene	24.5	U	24.5	81.6	100	ug/L
101-55-3	4-Bromophenyl-phenylether	19.4	U	19.4	81.6	100	ug/L
118-74-1	Hexachlorobenzene	23.3	U	23.3	81.6	100	ug/L
1912-24-9	Atrazine	25.7	U	25.7	81.6	100	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:	MW14-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-03DL	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
BF138427.D	20	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	37.8	U	37.8	160	200	ug/L
85-01-8	Phenanthrene	51.4	JD	18.2	81.6	100	ug/L
120-12-7	Anthracene	21.8	U	21.8	81.6	100	ug/L
86-74-8	Carbazole	23.5	U	23.5	81.6	100	ug/L
84-74-2	Di-n-butylphthalate	30	U	30	81.6	100	ug/L
206-44-0	Fluoranthene	26.3	U	26.3	81.6	100	ug/L
92-87-5	Benzidine	83.1	U	83.1	160	200	ug/L
129-00-0	Pyrene	21.6	U	21.6	81.6	100	ug/L
85-68-7	Butylbenzylphthalate	42.9	U	42.9	81.6	100	ug/L
91-94-1	3,3-Dichlorobenzidine	26.1	U	26.1	160	200	ug/L
56-55-3	Benzo(a)anthracene	19.2	U	19.2	81.6	100	ug/L
218-01-9	Chrysene	17.6	U	17.6	81.6	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38.6	U	38.6	81.6	100	ug/L
117-84-0	Di-n-octyl phthalate	51	U	51	160	200	ug/L
205-99-2	Benzo(b)fluoranthene	23.3	U	23.3	81.6	100	ug/L
207-08-9	Benzo(k)fluoranthene	24.3	U	24.3	81.6	100	ug/L
50-32-8	Benzo(a)pyrene	34.1	U	34.1	81.6	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.8	U	20.8	81.6	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	23.5	U	23.5	81.6	100	ug/L
191-24-2	Benzo(g,h,i)perylene	24.1	U	24.1	81.6	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	22.2	U	22.2	81.6	100	ug/L
123-91-1	1,4-Dioxane	25.5	U	25.5	81.6	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	16.1	U	16.1	81.6	100	ug/L
90-12-0	1-Methylnaphthalene	390	D	17.6	81.6	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.68		10-139		45	SPK: -150
13127-88-3	Phenol-d6	41.66		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	93.1		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	113.66		52-132		114	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:	MW14-20240625DL	SDG No.:	BF070224
Lab Sample ID:	P3073-03DL	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
BF138427.D	20	6/28/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.28		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	85.16		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150068	6.875				
1146-65-2	Naphthalene-d8	576326	8.157				
15067-26-2	Acenaphthene-d10	284262	9.91				
1517-22-2	Phenanthrene-d10	429447	11.392				
1719-03-5	Chrysene-d12	272923	14.027				
1520-96-3	Perylene-d12	268682	15.498				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161821TB	SDG No.:	BF070224
Lab Sample ID:	PB161821TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138430.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161821TB	SDG No.:	BF070224
Lab Sample ID:	PB161821TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138430.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161821TB	SDG No.:	BF070224
Lab Sample ID:	PB161821TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138430.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.111		10-139		91	SPK: -150
13127-88-3	Phenol-d6	136.229		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	92.833		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	83.312		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161821TB	SDG No.:	BF070224
Lab Sample ID:	PB161821TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138430.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.184		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	79.471		36-145		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187333	6.875				
1146-65-2	Naphthalene-d8	767571	8.151				
15067-26-2	Acenaphthene-d10	432252	9.904				
1517-22-2	Phenanthrene-d10	683709	11.392				
1719-03-5	Chrysene-d12	282888	14.027				
1520-96-3	Perylene-d12	221007	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:	WC-2040627	SDG No.:	BF070224
Lab Sample ID:	P3120-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138431.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	WC-2040627	SDG No.:	BF070224
Lab Sample ID:	P3120-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138431.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	WC-2040627	SDG No.:	BF070224
Lab Sample ID:	P3120-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138431.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.407		10-139		75	SPK: -150
13127-88-3	Phenol-d6	89.021		10-134		59	SPK: -150
4165-60-0	Nitrobenzene-d5	88.092		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	101.056		52-132		101	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:	WC-2040627	SDG No.:	BF070224
Lab Sample ID:	P3120-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138431.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.474		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	61.119		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162175	6.875				
1146-65-2	Naphthalene-d8	611510	8.151				
15067-26-2	Acenaphthene-d10	252701	9.904				
1517-22-2	Phenanthrene-d10	423112	11.392				
1719-03-5	Chrysene-d12	277655	14.027				
1520-96-3	Perylene-d12	78387	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:	WC-2040627MS	SDG No.:	BF070224
Lab Sample ID:	P3120-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138432.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	270		15.5	40	50	ug/L
100-52-7	Benzaldehyde	73.7	J	40	80	100	ug/L
62-53-3	Aniline	110		16	40	50	ug/L
108-95-2	Phenol	390		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	470		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	440		16	80	100	ug/L
95-48-7	2-Methylphenol	430		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	440		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	500		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	490		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	440		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	350		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	27.5	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	420		12.7	40	50	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:	WC-2040627MS	SDG No.:	BF070224
Lab Sample ID:	P3120-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138432.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	350		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	430		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	430		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	440		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	81		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	8100		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	860	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	830	E	20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	470		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	440		27.6	40	100	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	420		9.8	40	50	ug/L
86-73-7	Fluorene	420		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	240		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	520		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	390		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	460		11.4	40	50	ug/L
1912-24-9	Atrazine	160		12.6	40	50	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:	WC-2040627MS	SDG No.:	BF070224
Lab Sample ID:	P3120-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138432.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	980	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	490		8.9	40	50	ug/L
120-12-7	Anthracene	500		10.7	40	50	ug/L
86-74-8	Carbazole	410		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	530		12.9	40	50	ug/L
92-87-5	Benzidine	44.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	330		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	460		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	530		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	590		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	650		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	540		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	550		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	500		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	420		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.378		10-139		76	SPK: -150
13127-88-3	Phenol-d6	103.741		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	86.265		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	84.919		52-132		85	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:	WC-2040627MS	SDG No.:	BF070224
Lab Sample ID:	P3120-01MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138432.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.121		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	60.581		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171272	6.875				
1146-65-2	Naphthalene-d8	646778	8.157				
15067-26-2	Acenaphthene-d10	308345	9.91				
1517-22-2	Phenanthrene-d10	426498	11.392				
1719-03-5	Chrysene-d12	285448	14.033				
1520-96-3	Perylene-d12	231599	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:	WC-2040627MSD	SDG No.:	BF070224
Lab Sample ID:	P3120-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138433.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	520		10.3	80	100	ug/L
110-86-1	Pyridine	330		15.5	40	50	ug/L
100-52-7	Benzaldehyde	87.7	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	490		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	470		10.1	40	50	ug/L
98-95-3	Nitrobenzene	520		12.7	40	50	ug/L
78-59-1	Isophorone	490		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	470		11	40	50	ug/L
65-85-0	Benzoic acid	400		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	50		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	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:	WC-2040627MSD	SDG No.:	BF070224
Lab Sample ID:	P3120-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138433.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	380		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	480		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	480		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	510		9.3	40	50	ug/L
208-96-8	Acenaphthylene	530		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	160		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	8280		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	920	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	890	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	990		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	440		9.8	40	50	ug/L
86-73-7	Fluorene	440		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	320		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	560		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	520		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	180		12.6	40	50	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:	WC-2040627MSD	SDG No.:	BF070224
Lab Sample ID:	P3120-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138433.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	530		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	550		12.9	40	50	ug/L
92-87-5	Benzidine	99.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	350		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	470		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.7	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		9.4	40	50	ug/L
218-01-9	Chrysene	530		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	570		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	630		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	560		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	520		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	530		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	500		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	470		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.661		10-139		82	SPK: -150
13127-88-3	Phenol-d6	112.809		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	92.16		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	89.601		52-132		90	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:	WC-2040627MSD	SDG No.:	BF070224
Lab Sample ID:	P3120-01MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138433.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.04		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	62.718		36-145		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157396	6.875				
1146-65-2	Naphthalene-d8	603221	8.157				
15067-26-2	Acenaphthene-d10	290310	9.91				
1517-22-2	Phenanthrene-d10	396940	11.392				
1719-03-5	Chrysene-d12	267377	14.033				
1520-96-3	Perylene-d12	235842	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:	VNJ-238	SDG No.:	BF070224
Lab Sample ID:	P3134-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138434.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070224
Lab Sample ID:	P3134-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138434.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070224
Lab Sample ID:	P3134-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138434.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.445		10-139		89	SPK: -150
13127-88-3	Phenol-d6	125.795		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	95.289		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	91.219		52-132		91	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:	VNJ-238	SDG No.:	BF070224
Lab Sample ID:	P3134-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138434.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.65		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	66.933		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171303	6.875				
1146-65-2	Naphthalene-d8	652502	8.151				
15067-26-2	Acenaphthene-d10	325833	9.904				
1517-22-2	Phenanthrene-d10	452219	11.392				
1719-03-5	Chrysene-d12	287959	14.021				
1520-96-3	Perylene-d12	196232	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:	OK-628-COMP-01	SDG No.:	BF070224
Lab Sample ID:	P3135-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138435.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-01	SDG No.:	BF070224
Lab Sample ID:	P3135-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138435.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-01	SDG No.:	BF070224
Lab Sample ID:	P3135-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138435.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.516		10-139		94	SPK: -150
13127-88-3	Phenol-d6	135.923		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	97.195		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	91.856		52-132		92	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:	OK-628-COMP-01	SDG No.:	BF070224
Lab Sample ID:	P3135-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138435.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.029		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	71.546		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166263	6.875				
1146-65-2	Naphthalene-d8	647999	8.151				
15067-26-2	Acenaphthene-d10	335442	9.904				
1517-22-2	Phenanthrene-d10	480600	11.392				
1719-03-5	Chrysene-d12	294041	14.027				
1520-96-3	Perylene-d12	176369	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:	OK-628-COMP-02	SDG No.:	BF070224
Lab Sample ID:	P3135-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138436.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-02	SDG No.:	BF070224
Lab Sample ID:	P3135-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138436.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

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

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-02	SDG No.:	BF070224
Lab Sample ID:	P3135-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138436.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.325		10-139		90	SPK: -150
13127-88-3	Phenol-d6	127.032		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	93.293		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.668		52-132		90	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:	OK-628-COMP-02	SDG No.:	BF070224
Lab Sample ID:	P3135-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138436.D	1	7/1/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.168		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	68.06		36-145		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162749	6.875				
1146-65-2	Naphthalene-d8	640513	8.151				
15067-26-2	Acenaphthene-d10	320536	9.904				
1517-22-2	Phenanthrene-d10	466550	11.392				
1719-03-5	Chrysene-d12	295189	14.027				
1520-96-3	Perylene-d12	164141	15.492				



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

Hit Summary Sheet SW-846

SDG No.: BF070224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW12-20240625DL								
P3073-02DL	MW12-20240625DL	Water	1,1-Biphenyl	51.300	D	4.6	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	1-Methylnaphthalene	340.000	D	4.3	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	2-Methylnaphthalene	100.000	D	5.7	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Acenaphthene	73.900	D	4.1	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Anthracene	10.600	JD	5.4	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Fluorene	30.000	D	4.8	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Naphthalene	600.000	ED	5.2	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Phenanthrene	49.800	D	4.5	25.3	ug/L
P3073-02DL	MW12-20240625DL	Water	Total PAH	764.000	D	87.4	404.8	ug/L
Total Svoc :				2,019.60				
Total Concentration:				2,019.60				
Client ID : MW14-20240625DL								
P3073-03DL	MW14-20240625DL	Water	1-Methylnaphthalene	390.000	D	17.6	100	ug/L
P3073-03DL	MW14-20240625DL	Water	2-Methylnaphthalene	340.000	D	23.1	100	ug/L
P3073-03DL	MW14-20240625DL	Water	Acenaphthene	91.700	JD	16.5	100	ug/L
P3073-03DL	MW14-20240625DL	Water	Naphthalene	1,600.000	D	20.8	100	ug/L
P3073-03DL	MW14-20240625DL	Water	Phenanthrene	51.400	JD	18.2	100	ug/L
P3073-03DL	MW14-20240625DL	Water	Total PAH	1,743.000	D	352.9	1600	ug/L
Total Svoc :				4,216.10				
Total Concentration:				4,216.10				



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
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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 10:12

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 PB161853BL	203162	6.88	844809	8.15	471929	9.91
02 PB161853BS	197326	6.88	814531	8.16	444346	9.92
03 PB161814TB	209513	6.88	871262	8.15	486428	9.91
04 PB161833BL	200757	6.88	828739	8.15	463912	9.91
05 PB161833BS	193419	6.88	783773	8.16	421613	9.91
06 PB161809BS	198824	6.88	825252	8.16	449304	9.91
07 PB161809BSD	184057	6.88	759694	8.16	409137	9.91
08 MW12-20240625DL	155771	6.88	601463	8.16	309723	9.91
09 MW14-20240625DL	150068	6.88	576326	8.16	284262	9.91
10 PB161821TB	187333	6.88	767571	8.15	432252	9.90
11 WC-2040627	162175	6.88	611510	8.15	252701	9.90
12 WC-2040627MS	171272	6.88	646778	8.16	308345	9.91
13 WC-2040627MSD	157396	6.88	603221	8.16	290310	9.91
14 VNJ-238	171303	6.88	652502	8.15	325833	9.90
15 OK-628-COMP-01	166263	6.88	647999	8.15	335442	9.90
16 OK-628-COMP-02	162749	6.88	640513	8.15	320536	9.90



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 19:38

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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138418.D Time Analyzed: 10:12

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	175454	6.875	701207	8.16	378340	9.91
UPPER LIMIT	350908	7.375	1402414	8.657	756680	10.41
LOWER LIMIT	87727	6.375	350603.5	7.657	189170	9.41
EPA SAMPLE NO.						
01 PB161853BL	203162	6.88	844809	8.15	471929	9.91
02 PB161853BS	197326	6.88	814531	8.16	444346	9.92
03 PB161814TB	209513	6.88	871262	8.15	486428	9.91
04 PB161833BL	200757	6.88	828739	8.15	463912	9.91
05 PB161833BS	193419	6.88	783773	8.16	421613	9.91
06 PB161809BS	198824	6.88	825252	8.16	449304	9.91
07 PB161809BSD	184057	6.88	759694	8.16	409137	9.91
08 MW12-20240625DL	155771	6.88	601463	8.16	309723	9.91
09 MW14-20240625DL	150068	6.88	576326	8.16	284262	9.91

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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138429.D Time Analyzed: 16:26

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	177353	6.875	720622	8.16	387107	9.91
UPPER LIMIT	354706	7.375	1441244	8.657	774214	10.41
LOWER LIMIT	88676.5	6.375	360311	7.657	193553.5	9.41
EPA SAMPLE NO.						
01 PB161821TB	187333	6.88	767571	8.15	432252	9.90
02 WC-2040627	162175	6.88	611510	8.15	252701	9.90
03 WC-2040627MS	171272	6.88	646778	8.16	308345	9.91
04 WC-2040627MSD	157396	6.88	603221	8.16	290310	9.91
05 VNJ-238	171303	6.88	652502	8.15	325833	9.90
06 OK-628-COMP-01	166263	6.88	647999	8.15	335442	9.90
07 OK-628-COMP-02	162749	6.88	640513	8.15	320536	9.90

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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 10:12

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	PB161853BL	786305	11.39	341581	14.03	334806	15.49
02	PB161853BS	709134	11.40	297620	14.03	365567	15.50
03	PB161814TB	791775	11.39	341911	14.03	310421	15.49
04	PB161833BL	768983	11.39	334824	14.03	323677	15.49
05	PB161833BS	692295	11.40	296409	14.03	354290	15.50
06	PB161809BS	733046	11.40	301632	14.03	359116	15.50
07	PB161809BSD	660667	11.40	288985	14.03	351526	15.50
08	MW12-20240625DL	491331	11.39	293366	14.03	280751	15.50
09	MW14-20240625DL	429447	11.39	272923	14.03	268682	15.50
10	PB161821TB	683709	11.39	282888	14.03	221007	15.49
11	WC-2040627	423112	11.39	277655	14.03	78387 *	15.49
12	WC-2040627MS	426498	11.39	285448	14.03	231599	15.49
13	WC-2040627MSD	396940	11.39	267377	14.03	235842	15.49
14	VNJ-238	452219	11.39	287959	14.02	196232	15.49
15	OK-628-COMP-01	480600	11.39	294041	14.03	176369	15.49
16	OK-628-COMP-02	466550	11.39	295189	14.03	164141	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 19:38

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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138418.D Time Analyzed: 10:12

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	602337	11.398	260749	14.033	352979	15.498
UPPER LIMIT	1204674	11.898	521498	14.533	705958	15.998
LOWER LIMIT	301168.5	10.898	130374.5	13.533	176489.5	14.998
EPA SAMPLE NO.						
01 PB161853BL	786305	11.39	341581	14.03	334806	15.49
02 PB161853BS	709134	11.40	297620	14.03	365567	15.50
03 PB161814TB	791775	11.39	341911	14.03	310421	15.49
04 PB161833BL	768983	11.39	334824	14.03	323677	15.49
05 PB161833BS	692295	11.40	296409	14.03	354290	15.50
06 PB161809BS	733046	11.40	301632	14.03	359116	15.50
07 PB161809BSD	660667	11.40	288985	14.03	351526	15.50
08 MW12-20240625DL	491331	11.39	293366	14.03	280751	15.50
09 MW14-20240625DL	429447	11.39	272923	14.03	268682	15.50

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.: BF070224 SAS No.: BF070224 SDG NO.: BF070224

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BF138429.D Time Analyzed: 16:26

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	586725	11.392	262404	14.027	331873	15.498
UPPER LIMIT	1173450	11.892	524808	14.527	663746	15.998
LOWER LIMIT	293362.5	10.892	131202	13.527	165936.5	14.998
EPA SAMPLE NO.						
01 PB161821TB	683709	11.39	282888	14.03	221007	15.49
02 WC-2040627	423112	11.39	277655	14.03	78387 *	15.49
03 WC-2040627MS	426498	11.39	285448	14.03	231599	15.49
04 WC-2040627MSD	396940	11.39	267377	14.03	235842	15.49
05 VNJ-238	452219	11.39	287959	14.02	196232	15.49
06 OK-628-COMP-01	480600	11.39	294041	14.03	176369	15.49
07 OK-628-COMP-02	466550	11.39	295189	14.03	164141 *	15.49

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.: **BF070224**

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	45.8	ug/L	92				55	108	
	Pyridine	50	36.5	ug/L	73				29	97	
	Benzaldehyde	50	70.7	ug/L	141		*		15	121	
	Aniline	50	29.7	ug/L	59				10	130	
	Phenol	50	44.2	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	45.2	ug/L	90				62	103	
	2-Chlorophenol	50	47	ug/L	94				70	117	
	1,2-Dichlorobenzene	50	42.7	ug/L	85				72	102	
	1,3-Dichlorobenzene	50	40.4	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82				76	103	
	Benzyl Alcohol	50	47.9	ug/L	96		*		36	93	
	2-Methylphenol	50	44.7	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.2	ug/L	88				52	103	
	Acetophenone	50	41	ug/L	82				60	104	
	3+4-Methylphenols	50	44.4	ug/L	89				67	106	
	N-Nitroso-di-n-propylamine	50	42.2	ug/L	84				57	107	
	Hexachloroethane	50	42.5	ug/L	85				76	118	
	Nitrobenzene	50	41.7	ug/L	83				58	106	
	Isophorone	50	42.4	ug/L	85				61	102	
	2-Nitrophenol	50	46.6	ug/L	93				70	115	
	2,4-Dimethylphenol	50	47.6	ug/L	95				67	130	
	bis(2-Chloroethoxy)methane	50	42.4	ug/L	85				58	109	
	2,4-Dichlorophenol	50	42.4	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	39.5	ug/L	79				41	115	
	Benzoic acid	50	47.6	ug/L	95				10	125	
	Naphthalene	50	40.5	ug/L	81				64	107	
	4-Chloroaniline	50	22.8	ug/L	46				10	85	
	Hexachlorobutadiene	50	37.4	ug/L	75				69	101	
	Caprolactam	50	46.7	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	43.5	ug/L	87				65	114	
	2-Methylnaphthalene	50	40.4	ug/L	81				64	107	
	Hexachlorocyclopentadiene	100	100	ug/L	100				36	160	
	2,4,6-Trichlorophenol	50	42	ug/L	84				61	110	
	2,4,5-Trichlorophenol	50	40.4	ug/L	81				70	106	
	1,1-Biphenyl	50	40.2	ug/L	80				72	98	
	2-Chloronaphthalene	50	39.7	ug/L	79				59	106	
	2-Nitroaniline	50	46.4	ug/L	93				58	107	
	Dimethylphthalate	50	41.8	ug/L	84				64	103	
	Acenaphthylene	50	43.9	ug/L	88				65	108	
	2,6-Dinitrotoluene	50	42.3	ug/L	85				64	110	
	3-Nitroaniline	50	30.9	ug/L	62				28	100	
	Acenaphthene	50	44.8	ug/L	90				59	113	
	Total PAH	800	707.3	ug/L	88				59	113	
	2,4-Dinitrophenol	100	96.1	ug/L	96				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

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	95.7	ug/L	96				68	116		
	Dibenzofuran	50	41.1	ug/L	82				65	106		
	2,4-Dinitrotoluene/2,6-Dinitro	100	86.5	ug/L	87				60	115		
	2,4-Dinitrotoluene	50	44.2	ug/L	88				60	115		
	Diethylphthalate	50	41.8	ug/L	84				63	105		
	4-Chlorophenyl-phenylether	50	38.1	ug/L	76				61	104		
	Fluorene	50	38.8	ug/L	78				64	107		
	4-Nitroaniline	50	43.3	ug/L	87				69	112		
	4,6-Dinitro-2-methylphenol	50	48.2	ug/L	96				62	132		
	N-Nitrosodiphenylamine	50	41.4	ug/L	83				61	109		
	Azobenzene	50	43.6	ug/L	87				59	106		
	4-Bromophenyl-phenylether	50	39.9	ug/L	80				73	103		
	Hexachlorobenzene	50	38.7	ug/L	77				73	106		
	Atrazine	50	43.1	ug/L	86				76	120		
	Pentachlorophenol	100	84.8	ug/L	85				47	114		
	Phenanthrene	50	42	ug/L	84				62	109		
	Anthracene	50	42	ug/L	84				65	110		
	Carbazole	50	42.3	ug/L	85				62	106		
	Di-n-butylphthalate	50	42.2	ug/L	84				64	106		
	Fluoranthene	50	41.2	ug/L	82				64	110		
	Benzidine	100	41.7	ug/L	42				10	94		
	Pyrene	50	39.5	ug/L	79				71	103		
	Butylbenzylphthalate	50	43.4	ug/L	87				61	105		
	3,3-Dichlorobenzidine	50	40.4	ug/L	81				43	108		
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107		
	Chrysene	50	44.2	ug/L	88				61	108		
	bis(2-Ethylhexyl)phthalate	50	44.3	ug/L	89				59	110		
	Di-n-octyl phthalate	50	48.4	ug/L	97				67	126		
	Benzo(b)fluoranthene	50	48.4	ug/L	97				77	113		
	Benzo(k)fluoranthene	50	46.8	ug/L	94				64	113		
	Benzo(a)pyrene	50	49.5	ug/L	99				72	131		
	Indeno(1,2,3-cd)pyrene	50	48.1	ug/L	96				72	105		
	Dibenz(a,h)anthracene	50	48.2	ug/L	96				78	115		
	Benzo(g,h,i)perylene	50	45.6	ug/L	91				75	118		
	1,2,4,5-Tetrachlorobenzene	50	39.1	ug/L	78				72	101		
	1,4-Dioxane	50	36.1	ug/L	72				38	125		
	2,3,4,6-Tetrachlorophenol	50	44.9	ug/L	90				63	116		
	1-Methylnaphthalene	50	38.6	ug/L	77				51	114		
PB161809BSD	n-Nitrosodimethylamine	50	45.3	ug/L	91	1			55	108		20
	Pyridine	50	36.9	ug/L	74	1			29	97		20
	Benzaldehyde	50	69.8	ug/L	140	1	*		15	121		20
	Aniline	50	29.4	ug/L	59	1			10	130		20
	Phenol	50	43.9	ug/L	88	1			66	118		20
	bis(2-Chloroethyl)ether	50	44.4	ug/L	89	2			62	103		20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161809BSD	2-Chlorophenol	50	46.9	ug/L	94	0			70	117	20
	1,2-Dichlorobenzene	50	43.2	ug/L	86	1			72	102	20
	1,3-Dichlorobenzene	50	40.7	ug/L	81	1			71	103	20
	1,4-Dichlorobenzene	50	41.2	ug/L	82	0			76	103	20
	Benzyl Alcohol	50	47.1	ug/L	94	2	*		36	93	20
	2-Methylphenol	50	44.2	ug/L	88	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	44.2	ug/L	88	0			52	103	20
	Acetophenone	50	41.1	ug/L	82	0			60	104	20
	3+4-Methylphenols	50	44.6	ug/L	89	0			67	106	20
	N-Nitroso-di-n-propylamine	50	41.7	ug/L	83	1			57	107	20
	Hexachloroethane	50	42.1	ug/L	84	1			76	118	20
	Nitrobenzene	50	41.2	ug/L	82	1			58	106	20
	Isophorone	50	42	ug/L	84	1			61	102	20
	2-Nitrophenol	50	46.7	ug/L	93	0			70	115	20
	2,4-Dimethylphenol	50	47.1	ug/L	94	1			67	130	20
	bis(2-Chloroethoxy)methane	50	42.3	ug/L	85	0			58	109	20
	2,4-Dichlorophenol	50	42.4	ug/L	85	0			66	115	20
	1,2,4-Trichlorobenzene	50	39.6	ug/L	79	0			41	115	20
	Benzoic acid	50	45.1	ug/L	90	5			10	125	20
	Naphthalene	50	40.9	ug/L	82	1			64	107	20
	4-Chloroaniline	50	23.6	ug/L	47	3			10	85	20
	Hexachlorobutadiene	50	36.8	ug/L	74	2			69	101	20
	Caprolactam	50	46.6	ug/L	93	0			58	128	20
	4-Chloro-3-methylphenol	50	43	ug/L	86	1			65	114	20
	2-Methylnaphthalene	50	40.4	ug/L	81	0			64	107	20
	Hexachlorocyclopentadiene	100	100	ug/L	100	0			36	160	20
	2,4,6-Trichlorophenol	50	42.2	ug/L	84	0			61	110	20
	2,4,5-Trichlorophenol	50	40.7	ug/L	81	1			70	106	20
	1,1-Biphenyl	50	40.6	ug/L	81	1			72	98	20
	2-Chloronaphthalene	50	40.2	ug/L	80	1			59	106	20
	2-Nitroaniline	50	46.4	ug/L	93	0			58	107	20
	Dimethylphthalate	50	42.3	ug/L	85	1			64	103	20
	Acenaphthylene	50	44.4	ug/L	89	1			65	108	20
	2,6-Dinitrotoluene	50	42.1	ug/L	84	0			64	110	20
	3-Nitroaniline	50	31.4	ug/L	63	2			28	100	20
	Acenaphthene	50	45.1	ug/L	90	1			59	113	20
	Total PAH	800	705.3	ug/L	88	0			59	113	20
	2,4-Dinitrophenol	100	92.7	ug/L	93	4			64	132	20
	4-Nitrophenol	100	92.7	ug/L	93	3			68	116	20
	Dibenzofuran	50	41.6	ug/L	83	1			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	86.7	ug/L	87	0			60	115	20
	2,4-Dinitrotoluene	50	44.6	ug/L	89	1			60	115	20
	Diethylphthalate	50	41.9	ug/L	84	0			63	105	20
	4-Chlorophenyl-phenylether	50	38.7	ug/L	77	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161809BSD	Fluorene	50	38.9	ug/L	78	0			64	107	20
	4-Nitroaniline	50	42.2	ug/L	84	3			69	112	20
	4,6-Dinitro-2-methylphenol	50	48.4	ug/L	97	0			62	132	20
	N-Nitrosodiphenylamine	50	42.1	ug/L	84	2			61	109	20
	Azobenzene	50	44	ug/L	88	1			59	106	20
	4-Bromophenyl-phenylether	50	40.8	ug/L	82	2			73	103	20
	Hexachlorobenzene	50	40.4	ug/L	81	4			73	106	20
	Atrazine	50	43	ug/L	86	0			76	120	20
	Pentachlorophenol	100	84.8	ug/L	85	0			47	114	20
	Phenanthrene	50	43	ug/L	86	2			62	109	20
	Anthracene	50	43	ug/L	86	2			65	110	20
	Carbazole	50	42.4	ug/L	85	0			62	106	20
	Di-n-butylphthalate	50	41.5	ug/L	83	2			64	106	20
	Fluoranthene	50	39.9	ug/L	80	3			64	110	20
	Benzidine	100	42.5	ug/L	43	2			10	94	20
	Pyrene	50	36.9	ug/L	74	7			71	103	20
	Butylbenzylphthalate	50	40	ug/L	80	8			61	105	20
	3,3-Dichlorobenzidine	50	42.2	ug/L	84	4			43	108	20
	Benzo(a)anthracene	50	43.8	ug/L	88	0			62	107	20
	Chrysene	50	43.7	ug/L	87	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	43.7	ug/L	87	1			59	110	20
	Di-n-octyl phthalate	50	50.6	ug/L	101	4			67	126	20
	Benzo(b)fluoranthene	50	46.5	ug/L	93	4			77	113	20
	Benzo(k)fluoranthene	50	50.4	ug/L	101	7			64	113	20
	Benzo(a)pyrene	50	50.1	ug/L	100	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94	2			72	105	20
	Dibenz(a,h)anthracene	50	46.8	ug/L	94	3			78	115	20
	Benzo(g,h,i)perylene	50	44.8	ug/L	90	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	39.6	ug/L	79	1			72	101	20
	1,4-Dioxane	50	36.4	ug/L	73	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	44.8	ug/L	90	0			63	116	20
	1-Methylnaphthalene	50	38.8	ug/L	78	1			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161833BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	2400	ug/Kg	141				10	147	
	Aniline	1700	970	ug/Kg	57				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	770	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1200	ug/Kg	71				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161833BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	2900	ug/Kg	85				60	106	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98	
	Atrazine	1700	1400	ug/Kg	82				67	113	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	1300	ug/Kg	39				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161853BS	n-Nitrosodimethylamine	50	46.3	ug/L	93				55	108	
	Pyridine	50	37.7	ug/L	75				29	97	
	Benzaldehyde	50	6.8	ug/L	14		*		15	121	
	Aniline	50	29.5	ug/L	59				10	130	
	Phenol	50	44.1	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	45.2	ug/L	90				62	103	
	2-Chlorophenol	50	47.4	ug/L	95				70	117	
	1,2-Dichlorobenzene	50	43.3	ug/L	87				72	102	
	1,3-Dichlorobenzene	50	40.3	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.4	ug/L	83				76	103	
	Benzyl Alcohol	50	48	ug/L	96		*		36	93	
	2-Methylphenol	50	44.6	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.2	ug/L	88				52	103	
	Acetophenone	50	41.8	ug/L	84				60	104	
	3+4-Methylphenols	50	44.9	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	42.7	ug/L	85				57	107	
	Hexachloroethane	50	42.1	ug/L	84				76	118	
	Nitrobenzene	50	41.8	ug/L	84				58	106	
	Isophorone	50	43.1	ug/L	86				61	102	
	2-Nitrophenol	50	46.8	ug/L	94				70	115	
	2,4-Dimethylphenol	50	48.1	ug/L	96				67	130	
	bis(2-Chloroethoxy)methane	50	43	ug/L	86				58	109	
	2,4-Dichlorophenol	50	43	ug/L	86				66	115	
	1,2,4-Trichlorobenzene	50	40	ug/L	80				41	115	
	Benzoic acid	50	44.8	ug/L	90				10	125	
	Naphthalene	50	41	ug/L	82				64	107	
	4-Chloroaniline	50	25.6	ug/L	51				10	85	
	Hexachlorobutadiene	50	37.6	ug/L	75				69	101	
	Caprolactam	50	46.3	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	43.8	ug/L	88				65	114	
	2-Methylnaphthalene	50	41.1	ug/L	82				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	41.9	ug/L	84				61	110	
	2,4,5-Trichlorophenol	50	41.1	ug/L	82				70	106	
	1,1-Biphenyl	50	40.4	ug/L	81				72	98	
	2-Chloronaphthalene	50	39.9	ug/L	80				59	106	
	2-Nitroaniline	50	46.2	ug/L	92				58	107	
	Dimethylphthalate	50	41.7	ug/L	83				64	103	
	Acenaphthylene	50	44.2	ug/L	88				65	108	
	2,6-Dinitrotoluene	50	42.4	ug/L	85				64	110	
	3-Nitroaniline	50	30.5	ug/L	61				28	100	
	Acenaphthene	50	45	ug/L	90				59	113	
	Total PAH	800	713.7	ug/L	89				59	113	
	2,4-Dinitrophenol	100	95.4	ug/L	95				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161853BS	4-Nitrophenol	100	97.4	ug/L	97				68	116	
	Dibenzofuran	50	41.4	ug/L	83				65	106	
	2,4-Dinitrotoluene	50	44.5	ug/L	89				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	86.9	ug/L	87				60	115	
	Diethylphthalate	50	41.4	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	38.2	ug/L	76				61	104	
	Fluorene	50	38.5	ug/L	77				64	107	
	4-Nitroaniline	50	43.7	ug/L	87				69	112	
	4,6-Dinitro-2-methylphenol	50	48.8	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	42.4	ug/L	85				61	109	
	Azobenzene	50	44.1	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50	41	ug/L	82				73	103	
	Hexachlorobenzene	50	39.8	ug/L	80				73	106	
	Atrazine	50	44	ug/L	88				76	120	
	Pentachlorophenol	100	87.8	ug/L	88				47	114	
	Phenanthrene	50	42.8	ug/L	86				62	109	
	Anthracene	50	43.2	ug/L	86				65	110	
	Carbazole	50	42.7	ug/L	85				62	106	
	Di-n-butylphthalate	50	42.9	ug/L	86				64	106	
	Fluoranthene	50	41.4	ug/L	83				64	110	
	Benzidine	100	43	ug/L	43				10	94	
	Pyrene	50	39	ug/L	78				71	103	
	Butylbenzylphthalate	50	42.4	ug/L	85				61	105	
	3,3-Dichlorobenzidine	50	40.8	ug/L	82				43	108	
	Benzo(a)anthracene	50	44.7	ug/L	89				62	107	
	Chrysene	50	45.4	ug/L	91				61	108	
	bis(2-Ethylhexyl)phthalate	50	45.8	ug/L	92				59	110	
	Di-n-octyl phthalate	50	51.5	ug/L	103				67	126	
	Benzo(b)fluoranthene	50	46.3	ug/L	93				77	113	
	Benzo(k)fluoranthene	50	49.2	ug/L	98				64	113	
	Benzo(a)pyrene	50	50	ug/L	100				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				72	105	
	Dibenz(a,h)anthracene	50	48.2	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50	46.1	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.8	ug/L	80				72	101	
	1,4-Dioxane	50	36.6	ug/L	73				38	125	
	2,3,4,6-Tetrachlorophenol	50	45	ug/L	90				63	116	
	1-Methylnaphthalene	50	39.2	ug/L	78				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161809BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070224

SAS No.: BF070224 SDG NO.: BF070224

Lab File ID: BF138424.D

Lab Sample ID: PB161809BS

Instrument ID: BNA_F

Date Extracted: 06/28/2024

Matrix: (soil/water) Water

Date Analyzed: 07/02/2024

Level: (low/med) LOW

Time Analyzed: 12:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161809BS	PB161809BS	BF138424.D	07/02/2024
PB161809BSD	PB161809BSD	BF138425.D	07/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161833BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070224

SAS No.: BF070224 SDG NO.: BF070224

Lab File ID: BF138422.D

Lab Sample ID: PB161833BL

Instrument ID: BNA_F

Date Extracted: 06/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/02/2024

Level: (low/med) LOW

Time Analyzed: 11:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161833BS	PB161833BS	BF138423.D	07/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161853BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070224

SAS No.: BF070224 SDG NO.: BF070224

Lab File ID: BF138419.D

Lab Sample ID: PB161853BL

Instrument ID: BNA_F

Date Extracted: 07/01/2024

Matrix: (soil/water) water

Date Analyzed: 07/02/2024

Level: (low/med) LOW

Time Analyzed: 10:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161853BS	PB161853BS	BF138420.D	07/02/2024
PB161814TB	PB161814TB	BF138421.D	07/02/2024
WC-2040627	P3120-01	BF138431.D	07/02/2024
PB161821TB	PB161821TB	BF138430.D	07/02/2024
WC-2040627MS	P3120-01MS	BF138432.D	07/02/2024
WC-2040627MSD	P3120-01MSD	BF138433.D	07/02/2024
VNJ-238	P3134-02	BF138434.D	07/02/2024
OK-628-COMP-01	P3135-06	BF138435.D	07/02/2024
OK-628-COMP-02	P3135-12	BF138436.D	07/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3120-01MS		Client Sample ID: WC-2040627MS		DataFile: BF138432.D							
n-Nitrosodimethylamine	500		480	ug/L	96				10	130	
Pyridine	500		270	ug/L	54				10	109	
Benzaldehyde	500		73.7	ug/L	15				10	137	
Aniline	500		110	ug/L	22				10	130	
Phenol	500		390	ug/L	78				10	130	
bis(2-Chloroethyl)ether	500		480	ug/L	96				29	141	
2-Chlorophenol	500		470	ug/L	94				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		440	ug/L	88				55	125	
Benzyl Alcohol	500		440	ug/L	88				31	94	
2-Methylphenol	500		430	ug/L	86				23	132	
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		430	ug/L	86				17	136	
N-Nitroso-di-n-propylamine	500		440	ug/L	88				36	147	
Hexachloroethane	500		440	ug/L	88				35	137	
Nitrobenzene	500		490	ug/L	98				40	134	
Isophorone	500		460	ug/L	92				39	146	
2-Nitrophenol	500		500	ug/L	100				30	148	
2,4-Dimethylphenol	500		490	ug/L	98				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		440	ug/L	88				22	146	
1,2,4-Trichlorobenzene	500		440	ug/L	88				66	110	
Benzoic acid	500		350	ug/L	70				10	101	
Naphthalene	500		450	ug/L	90				17	157	
4-Chloroaniline	500		27.5	ug/L	6	*			10	95	
Hexachlorobutadiene	500		420	ug/L	84				52	125	
Caprolactam	500		350	ug/L	70				10	130	
4-Chloro-3-methylphenol	500		430	ug/L	86				17	148	
2-Methylnaphthalene	500		430	ug/L	86				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		480	ug/L	96				46	139	
2,4,5-Trichlorophenol	500		450	ug/L	90				42	129	
1,1-Biphenyl	500		450	ug/L	90				38	154	
2-Chloronaphthalene	500		470	ug/L	94				41	145	
2-Nitroaniline	500		440	ug/L	88				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		81	ug/L	16				10	111	
Acenaphthene	500		500	ug/L	100				37	146	
Total PAH	8000		8100	ug/L	101				37	146	
2,4-Dinitrophenol	1000		860	ug/L	86				14	167	
4-Nitrophenol	1000		830	ug/L	83				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		470	ug/L	94				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		940	ug/L	94				40	151	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		420	ug/L	84				38	149	
Fluorene	500		420	ug/L	84				39	144	
4-Nitroaniline	500		240	ug/L	48				27	138	
4,6-Dinitro-2-methylphenol	500		520	ug/L	104				32	175	
N-Nitrosodiphenylamine	500		390	ug/L	78				40	150	
Azobenzene	500		440	ug/L	88				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		460	ug/L	92				60	129	
Atrazine	500		160	ug/L	32				20	162	
Pentachlorophenol	1000		980	ug/L	98				15	137	
Phenanthrene	500		490	ug/L	98				40	147	
Anthracene	500		500	ug/L	100				41	146	
Carbazole	500		410	ug/L	82				37	154	
Di-n-butylphthalate	500		500	ug/L	100				40	151	
Fluoranthene	500		530	ug/L	106				42	146	
Benzidine	1000		44.1	ug/L	4	*			10	130	
Pyrene	500		330	ug/L	66				41	149	
Butylbenzylphthalate	500		460	ug/L	92				39	155	
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102				33	160	
Di-n-octyl phthalate	500		530	ug/L	106				36	158	
Benzo(b)fluoranthene	500		590	ug/L	118				40	150	
Benzo(k)fluoranthene	500		650	ug/L	130				40	147	
Benzo(a)pyrene	500		570	ug/L	114				42	147	
Indeno(1,2,3-cd)pyrene	500		540	ug/L	108				30	166	
Dibenz(a,h)anthracene	500		550	ug/L	110				23	172	
Benzo(g,h,i)perylene	500		500	ug/L	100				27	167	
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*			89	102	
1,4-Dioxane	500		420	ug/L	84				38	130	
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92				91	111	
1-Methylnaphthalene	500		410	ug/L	82				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3120-01MSD		Client Sample ID: WC-2040627MSD		DataFile: BF138433.D							
n-Nitrosodimethylamine	500		520	ug/L	104		8		10	130	20
Pyridine	500		330	ug/L	66		20		10	109	20
Benzaldehyde	500		87.7	ug/L	18		18		10	137	20
Aniline	500		200	ug/L	40		58	*	10	130	20
Phenol	500		430	ug/L	86		10		10	130	20
bis(2-Chloroethyl)ether	500		510	ug/L	102		6		29	141	20
2-Chlorophenol	500		510	ug/L	102		8		23	127	20
1,2-Dichlorobenzene	500		490	ug/L	98		9		61	114	20
1,3-Dichlorobenzene	500		470	ug/L	94		9		65	106	20
1,4-Dichlorobenzene	500		470	ug/L	94		7		55	125	20
Benzyl Alcohol	500		500	ug/L	100	*	13		31	94	20
2-Methylphenol	500		470	ug/L	94		9		23	132	20
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100		8		36	141	20
Acetophenone	500		460	ug/L	92		4		31	164	20
3+4-Methylphenols	500		470	ug/L	94		9		17	136	20
N-Nitroso-di-n-propylamine	500		480	ug/L	96		9		36	147	20
Hexachloroethane	500		470	ug/L	94		7		35	137	20
Nitrobenzene	500		520	ug/L	104		6		40	134	20
Isophorone	500		490	ug/L	98		6		39	146	20
2-Nitrophenol	500		530	ug/L	106		6		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		6		17	143	20
bis(2-Chloroethoxy)methane	500		490	ug/L	98		6		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		9		22	146	20
1,2,4-Trichlorobenzene	500		470	ug/L	94		7		66	110	20
Benzoic acid	500		400	ug/L	80		13		10	101	20
Naphthalene	500		480	ug/L	96		6		17	157	20
4-Chloroaniline	500		50	ug/L	10		50	*	10	95	20
Hexachlorobutadiene	500		440	ug/L	88		5		52	125	20
Caprolactam	500		380	ug/L	76		8		10	130	20
4-Chloro-3-methylphenol	500		470	ug/L	94		9		17	148	20
2-Methylnaphthalene	500		460	ug/L	92		7		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		500	ug/L	100		4		46	139	20
2,4,5-Trichlorophenol	500		480	ug/L	96		6		42	129	20
1,1-Biphenyl	500		480	ug/L	96		6		38	154	20
2-Chloronaphthalene	500		500	ug/L	100		6		41	145	20
2-Nitroaniline	500		480	ug/L	96		9		39	151	20
Dimethylphthalate	500		510	ug/L	102		4		42	147	20
Acenaphthylene	500		530	ug/L	106		6		40	141	20
2,6-Dinitrotoluene	500		490	ug/L	98		4		43	148	20
3-Nitroaniline	500		160	ug/L	32		67	*	10	111	20
Acenaphthene	500		520	ug/L	104		4		37	146	20
Total PAH	8000		8280	ug/L	104		3		37	146	20
2,4-Dinitrophenol	1000		920	ug/L	92		7		14	167	20
4-Nitrophenol	1000		890	ug/L	89		7		10	130	20
Dibenzofuran	500		490	ug/L	98		6		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		500	ug/L	100		6		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		990	ug/L	99		5		40	151	20
Diethylphthalate	500		480	ug/L	96		4		41	148	20
4-Chlorophenyl-phenylether	500		440	ug/L	88		5		38	149	20
Fluorene	500		440	ug/L	88		5		39	144	20
4-Nitroaniline	500		320	ug/L	64		29	*	27	138	20
4,6-Dinitro-2-methylphenol	500		560	ug/L	112		7		32	175	20
N-Nitrosodiphenylamine	500		500	ug/L	100		25	*	40	150	20
Azobenzene	500		470	ug/L	94		7		72	112	20
4-Bromophenyl-phenylether	500		520	ug/L	104		6		42	151	20
Hexachlorobenzene	500		490	ug/L	98		6		60	129	20
Atrazine	500		180	ug/L	36		12		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		2		15	137	20
Phenanthrene	500		520	ug/L	104		6		40	147	20
Anthracene	500		530	ug/L	106		6		41	146	20
Carbazole	500		510	ug/L	102		22	*	37	154	20
Di-n-butylphthalate	500		530	ug/L	106		6		40	151	20
Fluoranthene	500		550	ug/L	110		4		42	146	20
Benzydine	1000		99.1	ug/L	10		86	*	10	130	20
Pyrene	500		350	ug/L	70		6		41	149	20
Butylbenzylphthalate	500		470	ug/L	94		2		39	155	20
3,3-Dichlorobenzidine	500		53.7	ug/L	11		200	*	10	114	20
Benzo(a)anthracene	500		520	ug/L	104		6		41	147	20
Chrysene	500		530	ug/L	106		8		44	144	20
bis(2-Ethylhexyl)phthalate	500		540	ug/L	108		6		33	160	20
Di-n-octyl phthalate	500		560	ug/L	112		6		36	158	20
Benzo(b)fluoranthene	500		570	ug/L	114		3		40	150	20
Benzo(k)fluoranthene	500		630	ug/L	126		3		40	147	20
Benzo(a)pyrene	500		560	ug/L	112		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		520	ug/L	104		4		30	166	20
Dibenz(a,h)anthracene	500		530	ug/L	106		4		23	172	20
Benzo(g,h,i)perylene	500		500	ug/L	100		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94		7		89	102	20
1,4-Dioxane	500		450	ug/L	90		7		38	130	20
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98		6		91	111	20
1-Methylnaphthalene	500		440	ug/L	88		7		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF070224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3073-02DL	MW12-20240625D\BF138426.D		2-Fluorophenol	150	75.97	51		10	139
			Phenol-d6	150	47.66	32		10	134
			Nitrobenzene-d5	100	88.56	89		49	133
			2-Fluorobiphenyl	100	101.10	101		52	132
			2,4,6-Tribromophenol	150	150.40	100		32	145
			Terphenyl-d14	100	87.48	87		36	145
P3073-03DL	MW14-20240625D\BF138427.D		2-Fluorophenol	150	67.68	45		10	139
			Phenol-d6	150	41.66	28		10	134
			Nitrobenzene-d5	100	93.10	93		49	133
			2-Fluorobiphenyl	100	113.66	114		52	132
			2,4,6-Tribromophenol	150	127.28	85		32	145
			Terphenyl-d14	100	85.16	85		36	145
PB161809BS	PB161809BS	BF138424.D	2-Fluorophenol	150	120.30	80		10	139
			Phenol-d6	150	121.21	81		10	134
			Nitrobenzene-d5	100	80.78	81		49	133
			2-Fluorobiphenyl	100	72.77	73		52	132
			2,4,6-Tribromophenol	150	115.90	77		32	145
			Terphenyl-d14	100	74.29	74		36	145
PB161809BSD	PB161809BSD	BF138425.D	2-Fluorophenol	150	121.77	81		10	139
			Phenol-d6	150	120.17	80		10	134
			Nitrobenzene-d5	100	80.34	80		49	133
			2-Fluorobiphenyl	100	73.90	74		52	132
			2,4,6-Tribromophenol	150	117.22	78		32	145
			Terphenyl-d14	100	68.49	68		36	145



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BF070224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161833BL	PB161833BL	BF138422.D	2-Fluorophenol	150	117.68	78		18	112
			Phenol-d6	150	118.50	79		15	107
			Nitrobenzene-d5	100	78.53	79		18	107
			2-Fluorobiphenyl	100	71.21	71		20	109
			2,4,6-Tribromophenol	150	108.99	73		10	110
			Terphenyl-d14	100	65.36	65		14	112
PB161833BS	PB161833BS	BF138423.D	2-Fluorophenol	150	119.61	80		18	112
			Phenol-d6	150	119.66	80		15	107
			Nitrobenzene-d5	100	80.75	81		18	107
			2-Fluorobiphenyl	100	74.35	74		20	109
			2,4,6-Tribromophenol	150	118.53	79		10	110
			Terphenyl-d14	100	70.37	70		14	112

Surrogate Summary

SW-846

SDG No.: **BF070224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3120-01	WC-2040627	BF138431.D	2-Fluorophenol	150	112.41	75		10	139
			Phenol-d6	150	89.02	59		10	134
			Nitrobenzene-d5	100	88.09	88		49	133
			2-Fluorobiphenyl	100	101.06	101		52	132
			2,4,6-Tribromophenol	150	137.47	92		32	145
			Terphenyl-d14	100	61.12	61		36	145
P3120-01MS	WC-2040627MS	BF138432.D	2-Fluorophenol	150	113.38	76		10	139
			Phenol-d6	150	103.74	69		10	134
			Nitrobenzene-d5	100	86.27	86		49	133
			2-Fluorobiphenyl	100	84.92	85		52	132
			2,4,6-Tribromophenol	150	112.12	75		32	145
			Terphenyl-d14	100	60.58	61		36	145
P3120-01MSD	WC-2040627MSD	BF138433.D	2-Fluorophenol	150	122.66	82		10	139
			Phenol-d6	150	112.81	75		10	134
			Nitrobenzene-d5	100	92.16	92		49	133
			2-Fluorobiphenyl	100	89.60	90		52	132
			2,4,6-Tribromophenol	150	117.04	78		32	145
			Terphenyl-d14	100	62.72	63		36	145
P3134-02	VNJ-238	BF138434.D	2-Fluorophenol	150	133.45	89		10	139
			Phenol-d6	150	125.80	84		10	134
			Nitrobenzene-d5	100	95.29	95		49	133
			2-Fluorobiphenyl	100	91.22	91		52	132
			2,4,6-Tribromophenol	150	127.65	85		32	145
			Terphenyl-d14	100	66.93	67		36	145
P3135-06	OK-628-COMP-01	BF138435.D	2-Fluorophenol	150	141.52	94		10	139
			Phenol-d6	150	135.92	91		10	134
			Nitrobenzene-d5	100	97.20	97		49	133
			2-Fluorobiphenyl	100	91.86	92		52	132
			2,4,6-Tribromophenol	150	134.03	89		32	145
			Terphenyl-d14	100	71.55	72		36	145
P3135-12	OK-628-COMP-02	BF138436.D	2-Fluorophenol	150	135.33	90		10	139
			Phenol-d6	150	127.03	85		10	134
			Nitrobenzene-d5	100	93.29	93		49	133
			2-Fluorobiphenyl	100	89.67	90		52	132
			2,4,6-Tribromophenol	150	127.17	85		32	145
			Terphenyl-d14	100	68.06	68		36	145
PB161814TB	PB161814TB	BF138421.D	2-Fluorophenol	150	125.75	84		10	139
			Phenol-d6	150	122.75	82		10	134
			Nitrobenzene-d5	100	83.13	83		49	133
			2-Fluorobiphenyl	100	75.33	75		52	132
			2,4,6-Tribromophenol	150	116.05	77		32	145
			Terphenyl-d14	100	71.04	71		36	145
PB161821TB	PB161821TB	BF138430.D	2-Fluorophenol	150	137.11	91		10	139
			Phenol-d6	150	136.23	91		10	134
			Nitrobenzene-d5	100	92.83	93		49	133
			2-Fluorobiphenyl	100	83.31	83		52	132
			2,4,6-Tribromophenol	150	125.18	83		32	145
			Terphenyl-d14	100	79.47	79		36	145
PB161853BL	PB161853BL	BF138419.D	2-Fluorophenol	150	117.93	79		10	139



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: **BF070224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161853BL	PB161853BL	BF138419.D	Phenol-d6	150	117.21	78		10	134
			Nitrobenzene-d5	100	78.26	78		49	133
			2-Fluorobiphenyl	100	70.95	71		52	132
			2,4,6-Tribromophenol	150	111.21	74		32	145
			Terphenyl-d14	100	65.30	65		36	145
PB161853BS	PB161853BS	BF138420.D	2-Fluorophenol	150	121.68	81		10	139
			Phenol-d6	150	122.36	82		10	134
			Nitrobenzene-d5	100	81.20	81		49	133
			2-Fluorobiphenyl	100	73.35	73		52	132
			2,4,6-Tribromophenol	150	116.50	78		32	145
			Terphenyl-d14	100	72.11	72		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070224

Lab Code: CHEM

SAS No.: BF070224

SDG NO.: BF070224

Lab File ID: BF138417.D

DFTPP Injection Date: 07/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	45.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	82.4
443	15.0 - 24.0% of mass 442	16 (19.4) 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	BF138418.D	07/02/2024	09:43
PB161853BL	PB161853BL	BF138419.D	07/02/2024	10:12
PB161853BS	PB161853BS	BF138420.D	07/02/2024	10:41
PB161814TB	PB161814TB	BF138421.D	07/02/2024	11:11
PB161833BL	PB161833BL	BF138422.D	07/02/2024	11:40
PB161833BS	PB161833BS	BF138423.D	07/02/2024	12:10
PB161809BS	PB161809BS	BF138424.D	07/02/2024	12:43
PB161809BSD	PB161809BSD	BF138425.D	07/02/2024	13:13
MW12-20240625DL	P3073-02DL	BF138426.D	07/02/2024	13:48
MW14-20240625DL	P3073-03DL	BF138427.D	07/02/2024	14:17

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070224

Lab Code: CHEM

SAS No.: BF070224

SDG NO.: BF070224

Lab File ID: BF138428.D

DFTPP Injection Date: 07/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 14:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50.3
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	45.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.6 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138429.D	07/02/2024	15:56
PB161821TB	PB161821TB	BF138430.D	07/02/2024	16:26
WC-2040627	P3120-01	BF138431.D	07/02/2024	17:11
WC-2040627MS	P3120-01MS	BF138432.D	07/02/2024	17:41
WC-2040627MSD	P3120-01MSD	BF138433.D	07/02/2024	18:10
VNJ-238	P3134-02	BF138434.D	07/02/2024	18:39
OK-628-COMP-01	P3135-06	BF138435.D	07/02/2024	19:09
OK-628-COMP-02	P3135-12	BF138436.D	07/02/2024	19:38