

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM040324 SAS No.: BM040324 SDG No.: BM040324

Instrument ID: BNA_M Calibration Date/Time: 4/3/2024 12:09:54

Lab File ID: BM044888.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.649	0.652		0.462	
Pyridine	1.494	1.593		6.627	
2-Fluorophenol	1.325	1.341		1.208	
Benzaldehyde	0.884	0.898		1.584	
Aniline	2.061	2.142		3.93	
Phenol-d6	1.749	1.834		4.86	
Phenol	1.725	1.799		4.29	20.0
bis(2-Chloroethyl) ether	1.411	1.383		-1.984	
2-Chlorophenol	1.415	1.429		0.989	
1,2-Dichlorobenzene	1.473	1.428		-3.055	
1,3-Dichlorobenzene	1.486	1.433		-3.567	
1,4-Dichlorobenzene	1.494	1.463		-2.075	20.0
Benzyl Alcohol	1.198	1.255		4.758	
2-Methylphenol	1.256	1.314		4.618	
2,2-oxybis(1-Chloropropane)	1.628	1.621		-0.43	
Acetophenone	0.520	0.510		-1.923	
3+4-Methylphenols	1.745	1.828		4.756	
n-Nitroso-di-n-propylamine	1.167	1.233	0.050	5.656	
Nitrobenzene-d5	0.406	0.405		-0.246	
Hexachloroethane	0.582	0.578		-0.687	
Nitrobenzene	0.397	0.393		-1.008	
Isophorone	0.722	0.729		0.97	
2-Nitrophenol	0.182	0.187		2.747	20.0
2,4-Dimethylphenol	0.304	0.306		0.658	
bis(2-Chloroethoxy) methane	0.446	0.437		-2.018	
2,4-Dichlorophenol	0.309	0.314		1.618	20.0
1,2,4-Trichlorobenzene	0.323	0.314		-2.786	
Benzoic acid	0.254	0.268		5.512	
Naphthalene	1.081	1.055		-2.405	
4-Chloroaniline	0.471	0.490		4.034	
Hexachlorobutadiene	0.184	0.172		-6.522	20.0
Caprolactam	0.112	0.120		7.143	
4-Chloro-3-methylphenol	0.335	0.352		5.075	20.0
2-Methylnaphthalene	0.777	0.778		0.129	
Hexachlorocyclopentadiene	0.308	0.289	0.050	-6.169	
2,4,6-Trichlorophenol	0.389	0.392		0.771	20.0
2-Fluorobiphenyl	1.475	1.436		-2.644	
2,4,5-Trichlorophenol	0.466	0.470		0.858	
1,1-Biphenyl	1.497	1.448		-3.273	

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Lab File ID: BM044888.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.137	1.106		-2.726	
2-Nitroaniline	0.360	0.375		4.167	
Dimethylphthalate	1.578	1.556		-1.394	
Acenaphthylene	1.892	1.878		-0.74	
2,6-Dinitrotoluene	0.331	0.338		2.115	
3-Nitroaniline	0.372	0.391		5.108	
Acenaphthene	1.141	1.128		-1.139	20.0
2,4-Dinitrophenol	0.193	0.199	0.050	3.109	
4-Nitrophenol	0.301	0.314	0.050	4.319	
Dibenzofuran	1.881	1.866		-0.797	
2,4-Dinitrotoluene	0.463	0.483		4.32	
Diethylphthalate	1.622	1.619		-0.185	
4-Chlorophenyl-phenylether	0.739	0.730		-1.218	
Fluorene	1.524	1.542		1.181	
4-Nitroaniline	0.346	0.376		8.671	
4,6-Dinitro-2-methylphenol	0.127	0.125		-1.575	
n-Nitrosodiphenylamine	0.605	0.607		0.331	20.0
Azobenzene	1.565	1.593		1.789	
2,4,6-Tribromophenol	0.292	0.304		4.11	
4-Bromophenyl-phenylether	0.213	0.208		-2.347	
Hexachlorobenzene	0.248	0.244		-1.613	
Atrazine	0.196	0.200		2.041	
Pentachlorophenol	0.179	0.175		-2.235	20.0
Phenanthrene	1.112	1.103		-0.809	
Anthracene	1.126	1.123		-0.266	
Carbazole	1.060	1.076		1.509	
Di-n-butylphthalate	1.364	1.375		0.806	
Fluoranthene	1.316	1.327		0.836	20.0
Benzidine	0.373	0.547		46.649	
Pyrene	1.332	1.330		-0.15	
Terphenyl-d14	1.171	1.175		0.342	
Butylbenzylphthalate	0.615	0.622		1.138	
3,3-Dichlorobenzidine	0.510	0.528		3.529	
Benzo(a)anthracene	1.380	1.386		0.435	
Chrysene	1.310	1.323		0.992	
Bis(2-ethylhexyl)phthalate	0.982	1.020		3.87	
Di-n-octyl phthalate	1.634	1.678		2.693	20.0
Benzo(b)fluoranthene	1.186	1.204		1.518	
Benzo(k)fluoranthene	1.178	1.173		-0.424	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM040324 SAS No.: BM040324 SDG No.: BM040324

Instrument ID: BNA_M Calibration Date/Time: 4/3/2024 12:09:54

Lab File ID: BM044888.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.149	1.161		1.044	20.0
Indeno(1,2,3-cd)pyrene	1.501	1.489		-0.799	
Dibenzo(a,h)anthracene	1.264	1.257		-0.554	
Benzo(g,h,i)perylene	1.214	1.203		-0.906	
1,2,4,5-Tetrachlorobenzene	0.549	0.530		-3.461	
1,4-Dioxane	0.516	0.513		-0.581	20.0
2,3,4,6-Tetrachlorophenol	0.387	0.392		1.292	
1-Methylnaphthalene	0.735	0.734		-0.136	

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.: BM040324 SAS No.: BM040324 SDG No.: BM040324

Instrument ID: BNA_M Calibration Date/Time: 4/3/2024 12:16:20

Lab File ID: BM044894.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.649	0.647		-0.308	50.0
Pyridine	1.494	1.492		-0.134	50.0
2-Fluorophenol	1.325	1.324		-0.075	50.0
Benzaldehyde	0.884	0.861		-2.602	50.0
Aniline	2.061	2.054		-0.34	50.0
Phenol-d6	1.749	1.772		1.315	50.0
Phenol	1.725	1.715		-0.58	50.0
bis(2-Chloroethyl) ether	1.411	1.357		-3.827	50.0
2-Chlorophenol	1.415	1.400		-1.06	50.0
1,2-Dichlorobenzene	1.473	1.426		-3.191	50.0
1,3-Dichlorobenzene	1.486	1.450		-2.423	50.0
1,4-Dichlorobenzene	1.494	1.457		-2.477	50.0
Benzyl Alcohol	1.198	1.200		0.167	50.0
2-Methylphenol	1.256	1.284		2.229	50.0
2,2-oxybis(1-Chloropropane)	1.628	1.589		-2.396	50.0
Acetophenone	0.520	0.507		-2.5	50.0
3+4-Methylphenols	1.745	1.771		1.49	50.0
n-Nitroso-di-n-propylamine	1.167	1.185	0.050	1.542	50.0
Nitrobenzene-d5	0.406	0.403		-0.739	50.0
Hexachloroethane	0.582	0.569		-2.234	50.0
Nitrobenzene	0.397	0.392		-1.259	50.0
Isophorone	0.722	0.713		-1.247	50.0
2-Nitrophenol	0.182	0.185		1.648	50.0
2,4-Dimethylphenol	0.304	0.301		-0.987	50.0
bis(2-Chloroethoxy) methane	0.446	0.439		-1.57	50.0
2,4-Dichlorophenol	0.309	0.317		2.589	50.0
1,2,4-Trichlorobenzene	0.323	0.318		-1.548	50.0
Benzoic acid	0.254	0.260		2.362	50.0
Naphthalene	1.081	1.055		-2.405	50.0
4-Chloroaniline	0.471	0.483		2.548	50.0
Hexachlorobutadiene	0.184	0.180		-2.174	50.0
Caprolactam	0.112	0.115		2.679	50.0
4-Chloro-3-methylphenol	0.335	0.346		3.284	50.0
2-Methylnaphthalene	0.777	0.769		-1.03	50.0
Hexachlorocyclopentadiene	0.308	0.296	0.050	-3.896	50.0
2,4,6-Trichlorophenol	0.389	0.391		0.514	50.0
2-Fluorobiphenyl	1.475	1.441		-2.305	50.0
2,4,5-Trichlorophenol	0.466	0.472		1.288	50.0
1,1-Biphenyl	1.497	1.449		-3.206	50.0

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Instrument ID: BNA_M Calibration Date/Time: 4/3/2024 12:16:20
Lab File ID: BM044894.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.137	1.105		-2.814	50.0
2-Nitroaniline	0.360	0.366		1.667	50.0
Dimethylphthalate	1.578	1.542		-2.281	50.0
Acenaphthylene	1.892	1.875		-0.899	50.0
2,6-Dinitrotoluene	0.331	0.333		0.604	50.0
3-Nitroaniline	0.372	0.388		4.301	50.0
Acenaphthene	1.141	1.113		-2.454	50.0
2,4-Dinitrophenol	0.193	0.200	0.050	3.627	50.0
4-Nitrophenol	0.301	0.313	0.050	3.987	50.0
Dibenzofuran	1.881	1.854		-1.435	50.0
2,4-Dinitrotoluene	0.463	0.482		4.104	50.0
Diethylphthalate	1.622	1.609		-0.801	50.0
4-Chlorophenyl-phenylether	0.739	0.739		0.0	50.0
Fluorene	1.524	1.535		0.722	50.0
4-Nitroaniline	0.346	0.381		10.116	50.0
4,6-Dinitro-2-methylphenol	0.127	0.129		1.575	50.0
n-Nitrosodiphenylamine	0.605	0.597		-1.322	50.0
Azobenzene	1.565	1.585		1.278	50.0
2,4,6-Tribromophenol	0.292	0.307		5.137	50.0
4-Bromophenyl-phenylether	0.213	0.210		-1.408	50.0
Hexachlorobenzene	0.248	0.243		-2.016	50.0
Atrazine	0.196	0.195		-0.51	50.0
Pentachlorophenol	0.179	0.179		0.0	50.0
Phenanthrene	1.112	1.100		-1.079	50.0
Anthracene	1.126	1.124		-0.178	50.0
Carbazole	1.060	1.069		0.849	50.0
Di-n-butylphthalate	1.364	1.381		1.246	50.0
Fluoranthene	1.316	1.323		0.532	50.0
Benzidine	0.373	0.486		30.295	50.0
Pyrene	1.332	1.324		-0.601	50.0
Terphenyl-d14	1.171	1.206		2.989	50.0
Butylbenzylphthalate	0.615	0.620		0.813	50.0
3,3-Dichlorobenzidine	0.510	0.529		3.725	50.0
Benzo(a)anthracene	1.380	1.376		-0.29	50.0
Chrysene	1.310	1.306		-0.305	50.0
Bis(2-ethylhexyl)phthalate	0.982	1.029		4.786	50.0
Di-n-octyl phthalate	1.634	1.638		0.245	50.0
Benzo(b)fluoranthene	1.186	1.183		-0.253	50.0
Benzo(k)fluoranthene	1.178	1.228		4.244	50.0

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GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.149	1.172		2.002	50.0
Indeno(1,2,3-cd)pyrene	1.501	1.507		0.4	50.0
Dibenzo(a,h)anthracene	1.264	1.278		1.108	50.0
Benzo(g,h,i)perylene	1.214	1.211		-0.247	50.0
1,2,4,5-Tetrachlorobenzene	0.549	0.531		-3.279	50.0
1,4-Dioxane	0.516	0.497		-3.682	50.0
2,3,4,6-Tetrachlorophenol	0.387	0.385		-0.517	50.0
1-Methylnaphthalene	0.735	0.723		-1.633	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159882BL	SDG No.:	BM040324
Lab Sample ID:	PB159882BL	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
BM044889.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159882BL	SDG No.:	BM040324
Lab Sample ID:	PB159882BL	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
BM044889.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159882BL	SDG No.:	BM040324
Lab Sample ID:	PB159882BL	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
BM044889.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	150.374		10-139		100	SPK: -150
13127-88-3	Phenol-d6	134.945		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	89.892		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	90.349		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159882BL	SDG No.:	BM040324
Lab Sample ID:	PB159882BL	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
BM044889.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.384		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	96.468		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87868	7.645				
1146-65-2	Naphthalene-d8	323949	10.422				
15067-26-2	Acenaphthene-d10	194196	14.298				
1517-22-2	Phenanthrene-d10	417758	17.057				
1719-03-5	Chrysene-d12	441644	21.262				
1520-96-3	Perylene-d12	572716	23.491				

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044890.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	55.1		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	84.4	E	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	78.6		1	4	5	ug/L
98-95-3	Nitrobenzene	110	E	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	120	E	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	58.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	98.5	E	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044890.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	63.7		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	180	E	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	81.9	E	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	150	E	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	33.3		0.81	4	5	ug/L
Total PAH	Total PAH	1323		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	60.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	E	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	130	E	1.5	4	5	ug/L
84-66-2	Diethylphthalate	100	E	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	130	E	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	120	E	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	58.1		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	64.6		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:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044890.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	77.2		0.89	4	5	ug/L
120-12-7	Anthracene	110	E	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	170	E	1.5	4	5	ug/L
206-44-0	Fluoranthene	170	E	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	89.3	E	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	150	E	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	57.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	120	E	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	160	E	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	39.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	75.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29.2		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	33.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150.927		10-139		101	SPK: -150
13127-88-3	Phenol-d6	144.865		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	93.439		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	95.243		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044890.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.504		32-145		72	SPK: -150
1718-51-0	Terphenyl-d14	96.856		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73422	7.645				
1146-65-2	Naphthalene-d8	298021	10.422				
15067-26-2	Acenaphthene-d10	185151	14.298				
1517-22-2	Phenanthrene-d10	385379	17.051				
1719-03-5	Chrysene-d12	400283	21.262				
1520-96-3	Perylene-d12	533320	23.491				
TENTATIVE IDENTIFIED COMPOUNDS							
000084-65-1	9,10-Anthracenedione	6	J			18.486	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044891.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	110	E	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	130	E	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	54.6		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	130	E	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	140	E	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	36.4		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	34.3		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:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044891.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

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	90.3	E	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	73.6		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	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	130	E	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	100	E	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:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044891.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.5	E	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	43.7		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	121.597		10-139		81	SPK: -150
13127-88-3	Phenol-d6	116.956		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	74.739		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	73.682		52-132		74	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP	SDG No.:	BM040324
Lab Sample ID:	P1908-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044891.D	1	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.926		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	76.713		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99146	7.645				
1146-65-2	Naphthalene-d8	397804	10.422				
15067-26-2	Acenaphthene-d10	245529	14.298				
1517-22-2	Phenanthrene-d10	494547	17.056				
1719-03-5	Chrysene-d12	479960	21.268				
1520-96-3	Perylene-d12	626221	23.497				
TENTATIVE IDENTIFIED COMPOUNDS							
000087-65-0	Phenol, 2,6-dichloro-	19.9	J			10.604	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-03DL	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
BM044892.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.2	U	5.2	40	50	ug/L
110-86-1	Pyridine	7.8	U	7.8	20	25	ug/L
100-52-7	Benzaldehyde	20	U	20	40	50	ug/L
62-53-3	Aniline	8	U	8	20	25	ug/L
108-95-2	Phenol	4.7	U	4.7	20	25	ug/L
111-44-4	bis(2-Chloroethyl)ether	58.5	D	6	20	25	ug/L
95-57-8	2-Chlorophenol	3.6	U	3.6	20	25	ug/L
95-50-1	1,2-Dichlorobenzene	4.4	U	4.4	20	25	ug/L
541-73-1	1,3-Dichlorobenzene	4	U	4	20	25	ug/L
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	20	25	ug/L
100-51-6	Benzyl Alcohol	8	U	8	40	50	ug/L
95-48-7	2-Methylphenol	5.7	U	5.7	20	25	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.8	U	6.8	20	25	ug/L
98-86-2	Acetophenone	5.5	U	5.5	20	25	ug/L
65794-96-9	3+4-Methylphenols	5.8	U	5.8	40	50	ug/L
621-64-7	n-Nitroso-di-n-propylamine	85.4	D	7.4	12.5	12.5	ug/L
67-72-1	Hexachloroethane	79	D	5.1	20	25	ug/L
98-95-3	Nitrobenzene	110	D	6.4	20	25	ug/L
78-59-1	Isophorone	5.7	U	5.7	20	25	ug/L
88-75-5	2-Nitrophenol	9.8	U	9.8	20	25	ug/L
105-67-9	2,4-Dimethylphenol	7.6	U	7.6	20	25	ug/L
111-91-1	bis(2-Chloroethoxy)methane	120	D	5.1	20	25	ug/L
120-83-2	2,4-Dichlorophenol	4.4	U	4.4	20	25	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.5	U	5.5	20	25	ug/L
65-85-0	Benzoic acid	27.4	U	27.4	40	50	ug/L
91-20-3	Naphthalene	61.1	D	5.1	20	25	ug/L
106-47-8	4-Chloroaniline	6.5	U	6.5	20	25	ug/L
87-68-3	Hexachlorobutadiene	100	D	6.4	20	25	ug/L

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-03DL	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
BM044892.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	U	8.3	40	50	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	U	4.2	20	25	ug/L
91-57-6	2-Methylnaphthalene	65	D	5.7	20	25	ug/L
77-47-4	Hexachlorocyclopentadiene	25.1	U	25.1	40	50	ug/L
88-06-2	2,4,6-Trichlorophenol	4.5	U	4.5	20	25	ug/L
95-95-4	2,4,5-Trichlorophenol	5.1	U	5.1	20	25	ug/L
92-52-4	1,1-Biphenyl	4.6	U	4.6	20	25	ug/L
91-58-7	2-Chloronaphthalene	180	D	4.9	20	25	ug/L
88-74-4	2-Nitroaniline	7.1	U	7.1	20	25	ug/L
131-11-3	Dimethylphthalate	4.7	U	4.7	20	25	ug/L
208-96-8	Acenaphthylene	81.7	D	5.2	20	25	ug/L
606-20-2	2,6-Dinitrotoluene	140	D	6.2	20	25	ug/L
99-09-2	3-Nitroaniline	6.9	U	6.9	20	25	ug/L
83-32-9	Acenaphthene	34.4	D	4.1	20	25	ug/L
Total PAH	Total PAH	1300.2	D	86.8	20	400	ug/L
51-28-5	2,4-Dinitrophenol	32.1	U	32.1	40	50	ug/L
100-02-7	4-Nitrophenol	10	U	10	40	50	ug/L
132-64-9	Dibenzofuran	61.5	D	4.7	20	25	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	D	13.8	20	50	ug/L
121-14-2	2,4-Dinitrotoluene	120	D	7.6	20	25	ug/L
84-66-2	Diethylphthalate	110	D	5.2	20	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	U	4.9	20	25	ug/L
86-73-7	Fluorene	130	D	4.8	20	25	ug/L
100-01-6	4-Nitroaniline	100	D	10.2	20	25	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.4	U	15.4	40	50	ug/L
86-30-6	n-Nitrosodiphenylamine	63.3	D	4.5	20	25	ug/L
103-33-3	Azobenzene	6	U	6	20	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	U	4.8	20	25	ug/L
118-74-1	Hexachlorobenzene	67.1	D	5.7	20	25	ug/L
1912-24-9	Atrazine	6.3	U	6.3	20	25	ug/L

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-03DL	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
BM044892.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	9.3	U	9.3	40	50	ug/L
85-01-8	Phenanthrene	79.1	D	4.5	20	25	ug/L
120-12-7	Anthracene	110	D	5.4	20	25	ug/L
86-74-8	Carbazole	5.8	U	5.8	20	25	ug/L
84-74-2	Di-n-butylphthalate	170	D	7.4	20	25	ug/L
206-44-0	Fluoranthene	170	D	6.5	20	25	ug/L
92-87-5	Benzidine	20.4	U	20.4	40	50	ug/L
129-00-0	Pyrene	89.6	D	5.3	20	25	ug/L
85-68-7	Butylbenzylphthalate	140	D	10.5	20	25	ug/L
91-94-1	3,3-Dichlorobenzidine	6.4	U	6.4	40	50	ug/L
56-55-3	Benzo(a)anthracene	4.7	U	4.7	20	25	ug/L
218-01-9	Chrysene	57.4	D	4.3	20	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	D	9.5	20	25	ug/L
117-84-0	Di-n-octyl phthalate	12.5	U	12.5	40	50	ug/L
205-99-2	Benzo(b)fluoranthene	150	D	5.7	20	25	ug/L
207-08-9	Benzo(k)fluoranthene	38.2	D	6	20	25	ug/L
50-32-8	Benzo(a)pyrene	72.8	D	8.4	20	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	5.1	20	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.7	D	5.8	20	25	ug/L
191-24-2	Benzo(g,h,i)perylene	29.2	D	5.9	20	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.5	U	5.5	20	25	ug/L
123-91-1	1,4-Dioxane	6.3	U	6.3	20	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4	U	4	20	25	ug/L
90-12-0	1-Methylnaphthalene	36	D	4.3	20	25	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.385		10-139		99	SPK: -150
13127-88-3	Phenol-d6	140.49		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	92.21		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	95.29		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-03DL	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
BM044892.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.185		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	96.58		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71416	7.645				
1146-65-2	Naphthalene-d8	289506	10.422				
15067-26-2	Acenaphthene-d10	187792	14.298				
1517-22-2	Phenanthrene-d10	404911	17.057				
1719-03-5	Chrysene-d12	425648	21.262				
1520-96-3	Perylene-d12	549672	23.497				

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-06DL	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
BM044893.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.2	U	5.2	40	50	ug/L
110-86-1	Pyridine	7.8	U	7.8	20	25	ug/L
100-52-7	Benzaldehyde	20	U	20	40	50	ug/L
62-53-3	Aniline	8	U	8	20	25	ug/L
108-95-2	Phenol	130	D	4.7	20	25	ug/L
111-44-4	bis(2-Chloroethyl)ether	6	U	6	20	25	ug/L
95-57-8	2-Chlorophenol	150	D	3.6	20	25	ug/L
95-50-1	1,2-Dichlorobenzene	4.4	U	4.4	20	25	ug/L
541-73-1	1,3-Dichlorobenzene	4	U	4	20	25	ug/L
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	20	25	ug/L
100-51-6	Benzyl Alcohol	8	U	8	40	50	ug/L
95-48-7	2-Methylphenol	60.1	D	5.7	20	25	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.8	U	6.8	20	25	ug/L
98-86-2	Acetophenone	5.5	U	5.5	20	25	ug/L
65794-96-9	3+4-Methylphenols	140	D	5.8	40	50	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.4	U	7.4	12.5	12.5	ug/L
67-72-1	Hexachloroethane	5.1	U	5.1	20	25	ug/L
98-95-3	Nitrobenzene	6.4	U	6.4	20	25	ug/L
78-59-1	Isophorone	5.7	U	5.7	20	25	ug/L
88-75-5	2-Nitrophenol	150	D	9.8	20	25	ug/L
105-67-9	2,4-Dimethylphenol	41.3	D	7.6	20	25	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.1	U	5.1	20	25	ug/L
120-83-2	2,4-Dichlorophenol	35.4	D	4.4	20	25	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.5	U	5.5	20	25	ug/L
65-85-0	Benzoic acid	27.4	U	27.4	40	50	ug/L
91-20-3	Naphthalene	5.1	U	5.1	20	25	ug/L
106-47-8	4-Chloroaniline	6.5	U	6.5	20	25	ug/L
87-68-3	Hexachlorobutadiene	6.4	U	6.4	20	25	ug/L

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-06DL	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
BM044893.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	U	8.3	40	50	ug/L
59-50-7	4-Chloro-3-methylphenol	100	D	4.2	20	25	ug/L
91-57-6	2-Methylnaphthalene	5.7	U	5.7	20	25	ug/L
77-47-4	Hexachlorocyclopentadiene	25.1	U	25.1	40	50	ug/L
88-06-2	2,4,6-Trichlorophenol	78	D	4.5	20	25	ug/L
95-95-4	2,4,5-Trichlorophenol	5.1	U	5.1	20	25	ug/L
92-52-4	1,1-Biphenyl	4.6	U	4.6	20	25	ug/L
91-58-7	2-Chloronaphthalene	4.9	U	4.9	20	25	ug/L
88-74-4	2-Nitroaniline	7.1	U	7.1	20	25	ug/L
131-11-3	Dimethylphthalate	4.7	U	4.7	20	25	ug/L
208-96-8	Acenaphthylene	5.2	U	5.2	20	25	ug/L
606-20-2	2,6-Dinitrotoluene	6.2	U	6.2	20	25	ug/L
99-09-2	3-Nitroaniline	6.9	U	6.9	20	25	ug/L
83-32-9	Acenaphthene	4.1	U	4.1	20	25	ug/L
Total PAH	Total PAH	86.8	U	86.8	20	400	ug/L
51-28-5	2,4-Dinitrophenol	120	D	32.1	40	50	ug/L
100-02-7	4-Nitrophenol	140	D	10	40	50	ug/L
132-64-9	Dibenzofuran	4.7	U	4.7	20	25	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.8	U	13.8	20	50	ug/L
121-14-2	2,4-Dinitrotoluene	7.6	U	7.6	20	25	ug/L
84-66-2	Diethylphthalate	5.2	U	5.2	20	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	U	4.9	20	25	ug/L
86-73-7	Fluorene	4.8	U	4.8	20	25	ug/L
100-01-6	4-Nitroaniline	10.2	U	10.2	20	25	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	91.5	D	15.4	40	50	ug/L
86-30-6	n-Nitrosodiphenylamine	4.5	U	4.5	20	25	ug/L
103-33-3	Azobenzene	6	U	6	20	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	U	4.8	20	25	ug/L
118-74-1	Hexachlorobenzene	5.7	U	5.7	20	25	ug/L
1912-24-9	Atrazine	6.3	U	6.3	20	25	ug/L

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-06DL	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
BM044893.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.4	D	9.3	40	50	ug/L
85-01-8	Phenanthrene	4.5	U	4.5	20	25	ug/L
120-12-7	Anthracene	5.4	U	5.4	20	25	ug/L
86-74-8	Carbazole	5.8	U	5.8	20	25	ug/L
84-74-2	Di-n-butylphthalate	7.4	U	7.4	20	25	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	20	25	ug/L
92-87-5	Benzidine	20.4	U	20.4	40	50	ug/L
129-00-0	Pyrene	5.3	U	5.3	20	25	ug/L
85-68-7	Butylbenzylphthalate	10.5	U	10.5	20	25	ug/L
91-94-1	3,3-Dichlorobenzidine	6.4	U	6.4	40	50	ug/L
56-55-3	Benzo(a)anthracene	4.7	U	4.7	20	25	ug/L
218-01-9	Chrysene	4.3	U	4.3	20	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.5	U	9.5	20	25	ug/L
117-84-0	Di-n-octyl phthalate	12.5	U	12.5	40	50	ug/L
205-99-2	Benzo(b)fluoranthene	5.7	U	5.7	20	25	ug/L
207-08-9	Benzo(k)fluoranthene	6	U	6	20	25	ug/L
50-32-8	Benzo(a)pyrene	8.4	U	8.4	20	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.1	U	5.1	20	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.8	U	5.8	20	25	ug/L
191-24-2	Benzo(g,h,i)perylene	5.9	U	5.9	20	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.5	U	5.5	20	25	ug/L
123-91-1	1,4-Dioxane	6.3	U	6.3	20	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.4	D	4	20	25	ug/L
90-12-0	1-Methylnaphthalene	4.3	U	4.3	20	25	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.395		10-139		92	SPK: -150
13127-88-3	Phenol-d6	129.62		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	85.12		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.965		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL	SDG No.:	BM040324
Lab Sample ID:	P1908-06DL	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
BM044893.D	5	3/29/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.99		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	88.205		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78837	7.645				
1146-65-2	Naphthalene-d8	315273	10.422				
15067-26-2	Acenaphthene-d10	201881	14.298				
1517-22-2	Phenanthrene-d10	433973	17.057				
1719-03-5	Chrysene-d12	442414	21.268				
1520-96-3	Perylene-d12	586953	23.503				

Hit Summary Sheet SW-846

SDG No.: BM040324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	PT-BN-WP							
P1908-03	PT-BN-WP	Water	9,10-Anthracenedione	*	6.000	J		
			Total Tics :			6.00		
P1908-03	PT-BN-WP	Water	1-Methylnaphthalene	33.500		0.86	5	ug/L
P1908-03	PT-BN-WP	Water	2,4-Dinitrotoluene	130.000	E	1.5	5	ug/L
P1908-03	PT-BN-WP	Water	2,6-Dinitrotoluene	150.000	E	1.2	5	ug/L
P1908-03	PT-BN-WP	Water	2-Chloronaphthalene	180.000	E	0.97	5	ug/L
P1908-03	PT-BN-WP	Water	2-Methylnaphthalene	63.700		1.1	5	ug/L
P1908-03	PT-BN-WP	Water	4-Nitroaniline	120.000	E	2	5	ug/L
P1908-03	PT-BN-WP	Water	Acenaphthene	33.300		0.81	5	ug/L
P1908-03	PT-BN-WP	Water	Acenaphthylene	81.900	E	1	5	ug/L
P1908-03	PT-BN-WP	Water	Anthracene	110.000	E	1.1	5	ug/L
P1908-03	PT-BN-WP	Water	Benzo(a)pyrene	75.200		1.7	5	ug/L
P1908-03	PT-BN-WP	Water	Benzo(b)fluoranthene	160.000	E	1.1	5	ug/L
P1908-03	PT-BN-WP	Water	Benzo(g,h,i)perylene	29.200		1.2	5	ug/L
P1908-03	PT-BN-WP	Water	Benzo(k)fluoranthene	39.900		1.2	5	ug/L
P1908-03	PT-BN-WP	Water	bis(2-Chloroethoxy)methane	120.000	E	1	5	ug/L
P1908-03	PT-BN-WP	Water	bis(2-Chloroethyl)ether	55.100		1.2	5	ug/L
P1908-03	PT-BN-WP	Water	Bis(2-ethylhexyl)phthalate	120.000	E	1.9	5	ug/L
P1908-03	PT-BN-WP	Water	Butylbenzylphthalate	150.000	E	2.1	5	ug/L
P1908-03	PT-BN-WP	Water	Chrysene	57.400		0.86	5	ug/L
P1908-03	PT-BN-WP	Water	Di-n-butylphthalate	170.000	E	1.5	5	ug/L
P1908-03	PT-BN-WP	Water	Dibenzo(a,h)anthracene	50.800		1.2	5	ug/L
P1908-03	PT-BN-WP	Water	Dibenzofuran	60.200		0.93	5	ug/L
P1908-03	PT-BN-WP	Water	Diethylphthalate	100.000	E	1	5	ug/L
P1908-03	PT-BN-WP	Water	Fluoranthene	170.000	E	1.3	5	ug/L
P1908-03	PT-BN-WP	Water	Fluorene	130.000	E	0.96	5	ug/L
P1908-03	PT-BN-WP	Water	Hexachlorobenzene	64.600		1.1	5	ug/L
P1908-03	PT-BN-WP	Water	Hexachlorobutadiene	98.500	E	1.3	5	ug/L
P1908-03	PT-BN-WP	Water	Hexachloroethane	78.600		1	5	ug/L
P1908-03	PT-BN-WP	Water	Indeno(1,2,3-cd)pyrene	160.000	E	1	5	ug/L
P1908-03	PT-BN-WP	Water	n-Nitroso-di-n-propylamine	84.400	E	1.5	2.5	ug/L
P1908-03	PT-BN-WP	Water	n-Nitrosodiphenylamine	58.100		0.89	5	ug/L
P1908-03	PT-BN-WP	Water	Naphthalene	58.800		1	5	ug/L
P1908-03	PT-BN-WP	Water	Nitrobenzene	110.000	E	1.3	5	ug/L
P1908-03	PT-BN-WP	Water	Phenanthrene	77.200		0.89	5	ug/L
P1908-03	PT-BN-WP	Water	Pyrene	89.300	E	1.1	5	ug/L
P1908-03	PT-BN-WP	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	280.000	E	2.7	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BM040324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1908-03	PT-BN-WP	Water	Total PAH	1,323.000		17.36	80	ug/L
			Total Svoc :			4,872.70		
			Total Concentration:			4,878.70		
Client ID : PT-BN-WPDL								
P1908-03DL	PT-BN-WPDL	Water	1-Methylnaphthalene	36.000	D	4.3	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	2,4-Dinitrotoluene	120.000	D	7.6	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	2,6-Dinitrotoluene	140.000	D	6.2	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	2-Chloronaphthalene	180.000	D	4.9	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	2-Methylnaphthalene	65.000	D	5.7	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	4-Nitroaniline	100.000	D	10.2	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Acenaphthene	34.400	D	4.1	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Acenaphthylene	81.700	D	5.2	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Anthracene	110.000	D	5.4	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Benzo(a)pyrene	72.800	D	8.4	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Benzo(b)fluoranthene	150.000	D	5.7	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Benzo(g,h,i)perylene	29.200	D	5.9	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Benzo(k)fluoranthene	38.200	D	6	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	bis(2-Chloroethoxy)methane	120.000	D	5.1	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	bis(2-Chloroethyl)ether	58.500	D	6	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Bis(2-ethylhexyl)phthalate	110.000	D	9.5	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Butylbenzylphthalate	140.000	D	10.5	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Chrysene	57.400	D	4.3	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Di-n-butylphthalate	170.000	D	7.4	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Dibenzo(a,h)anthracene	46.700	D	5.8	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Dibenzofuran	61.500	D	4.7	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Diethylphthalate	110.000	D	5.2	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Fluoranthene	170.000	D	6.5	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Fluorene	130.000	D	4.8	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Hexachlorobenzene	67.100	D	5.7	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Hexachlorobutadiene	100.000	D	6.4	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Hexachloroethane	79.000	D	5.1	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Indeno(1,2,3-cd)pyrene	150.000	D	5.1	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	n-Nitroso-di-n-propylamine	85.400	D	7.4	12.5	ug/L
P1908-03DL	PT-BN-WPDL	Water	n-Nitrosodiphenylamine	63.300	D	4.5	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Naphthalene	61.100	D	5.1	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Nitrobenzene	110.000	D	6.4	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Phenanthrene	79.100	D	4.5	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	Pyrene	89.600	D	5.3	25	ug/L
P1908-03DL	PT-BN-WPDL	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	260.000	D	13.8	50	ug/L
P1908-03DL	PT-BN-WPDL	Water	Total PAH	1,300.000	D	86.8	400	ug/L

Hit Summary Sheet SW-846

SDG No.: BM040324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	4,776.00				
			Total Concentration:	4,776.00				
Client ID :	PT-ACIDS-WP							
P1908-06	PT-ACIDS-WP	Water	Phenol, 2,6-dichloro-	*	19.900	J		
			Total Tics :	19.90				
P1908-06	PT-ACIDS-WP	Water	2,3,4,6-Tetrachlorophenol		43.700	0.79	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2,4,6-Trichlorophenol		73.600	0.89	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2,4-Dichlorophenol		34.300	0.88	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2,4-Dimethylphenol		36.400	1.5	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2,4-Dinitrophenol		120.000	E 6.4	10	ug/L
P1908-06	PT-ACIDS-WP	Water	2-Chlorophenol		130.000	E 0.71	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2-Methylphenol		54.600	1.1	5	ug/L
P1908-06	PT-ACIDS-WP	Water	2-Nitrophenol		140.000	E 2	5	ug/L
P1908-06	PT-ACIDS-WP	Water	3+4-Methylphenols		130.000	E 1.2	10	ug/L
P1908-06	PT-ACIDS-WP	Water	4,6-Dinitro-2-methylphenol		100.000	E 3.1	10	ug/L
P1908-06	PT-ACIDS-WP	Water	4-Chloro-3-methylphenol		90.300	E 0.84	5	ug/L
P1908-06	PT-ACIDS-WP	Water	4-Nitrophenol		130.000	E 2	10	ug/L
P1908-06	PT-ACIDS-WP	Water	Pentachlorophenol		95.500	E 1.9	10	ug/L
P1908-06	PT-ACIDS-WP	Water	Phenol		110.000	E 0.93	5	ug/L
			Total Svoc :	1,288.40				
			Total Concentration:	1,308.30				
Client ID :	PT-ACIDS-WPDL							
P1908-06DL	PT-ACIDS-WPDL	Water	2,3,4,6-Tetrachlorophenol		48.400	D 4	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2,4,6-Trichlorophenol		78.000	D 4.5	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2,4-Dichlorophenol		35.400	D 4.4	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2,4-Dimethylphenol		41.300	D 7.6	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2,4-Dinitrophenol		120.000	D 32.1	50	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2-Chlorophenol		150.000	D 3.6	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2-Methylphenol		60.100	D 5.7	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	2-Nitrophenol		150.000	D 9.8	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	3+4-Methylphenols		140.000	D 5.8	50	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	4,6-Dinitro-2-methylphenol		91.500	D 15.4	50	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	4-Chloro-3-methylphenol		100.000	D 4.2	25	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	4-Nitrophenol		140.000	D 10	50	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	Pentachlorophenol		98.400	D 9.3	50	ug/L
P1908-06DL	PT-ACIDS-WPDL	Water	Phenol		130.000	D 4.7	25	ug/L
			Total Svoc :	1,383.10				
			Total Concentration:	1,383.10				



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

Hit Summary Sheet
SW-846

SDG No.: BM040324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040224 SAS No.: BM040224 SDG No.: BM040224
Instrument ID: _____ Calibration Date(s): 4/2/2024 1: _____
Calibration Time(s): 13:33 _____

LAB FILE ID:		RRF2.5 = BM044877.D			RRF005 = BM044878.D		RRF010 = BM044879.D	
		RRF020 = BM044880.D			RRF040 = BM044881.D		RRF050 = BM044882.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.677	0.635	0.707	0.612	0.639	0.649	5.0
Pyridine		1.275	1.479	1.624	1.456	1.554	1.494	7.5
2-Fluorophenol		1.212	1.319	1.421	1.282	1.351	1.325	5.1
Benzaldehyde		0.995	1.012	1.003	0.831	0.841	0.884	13.7
Aniline		1.827	1.965	2.180	2.033	2.167	2.061	6.4
Phenol-d6		1.500	1.643	1.852	1.749	1.860	1.749	7.7
Phenol		1.516	1.658	1.803	1.714	1.818	1.725	6.4
bis(2-Chloroethyl)ether		1.339	1.423	1.484	1.380	1.430	1.411	3.4
2-Chlorophenol		1.299	1.372	1.511	1.387	1.451	1.415	5.0
1,2-Dichlorobenzene		1.441	1.450	1.566	1.428	1.486	1.473	3.3
1,3-Dichlorobenzene		1.455	1.491	1.581	1.433	1.481	1.486	3.4
1,4-Dichlorobenzene		1.421	1.481	1.588	1.453	1.507	1.494	3.7
Benzyl Alcohol		0.970	1.076	1.230	1.206	1.311	1.198	10.9
2-Methylphenol		1.020	1.166	1.363	1.280	1.343	1.256	9.9
2,2-oxybis(1-Chloropropane)		1.534	1.628	1.741	1.608	1.659	1.628	4.3
Acetophenone		0.483	0.504	0.533	0.522	0.527	0.520	3.9
3+4-Methylphenols		1.415	1.624	1.878	1.747	1.882	1.745	10.1
n-Nitroso-di-n-propylamine	0.982	1.038	1.162	1.270	1.179	1.267	1.167	9.2
Nitrobenzene-d5		0.362	0.379	0.416	0.411	0.421	0.406	6.4
Hexachloroethane		0.561	0.563	0.596	0.570	0.594	0.582	3.0
Nitrobenzene		0.370	0.383	0.408	0.396	0.404	0.397	4.2
Isophorone		0.629	0.711	0.746	0.724	0.760	0.722	6.4
2-Nitrophenol		0.140	0.163	0.184	0.190	0.195	0.182	12.4
2,4-Dimethylphenol		0.273	0.286	0.314	0.306	0.317	0.304	6.0
bis(2-Chloroethoxy)methane		0.414	0.433	0.465	0.446	0.454	0.446	4.1
2,4-Dichlorophenol		0.257	0.277	0.324	0.320	0.327	0.309	9.7
1,2,4-Trichlorobenzene		0.304	0.313	0.333	0.325	0.325	0.323	3.6
Benzoic acid			0.198	0.239	0.251	0.278	0.254	12.7
Naphthalene		1.028	1.066	1.113	1.073	1.094	1.081	2.9
4-Chloroaniline		0.392	0.448	0.491	0.473	0.502	0.471	8.5
Hexachlorobutadiene		0.176	0.177	0.189	0.185	0.182	0.184	3.3
Caprolactam		0.091	0.113	0.123	0.108	0.122	0.112	9.5
4-Chloro-3-methylphenol		0.266	0.327	0.362	0.334	0.358	0.335	9.9
2-Methylnaphthalene		0.744	0.763	0.800	0.763	0.793	0.777	3.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040224 SAS No.: BM040224 SDG No.: BM040224
Instrument ID: _____ Calibration Date(s): 4/2/2024 1: _____
Calibration Time(s): 13:33 _____

LAB FILE ID:		RRF2.5 = BM044877.D			RRF005 = BM044878.D		RRF010 = BM044879.D	
		RRF020 = BM044880.D			RRF040 = BM044881.D		RRF050 = BM044882.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Hexachlorocyclopentadiene			0.238	0.288	0.320	0.310	0.308	13.2
2,4,6-Trichlorophenol		0.311	0.340	0.402	0.410	0.410	0.389	11.5
2-Fluorobiphenyl		1.360	1.369	1.491	1.503	1.483	1.475	5.6
2,4,5-Trichlorophenol		0.405	0.423	0.481	0.474	0.485	0.466	8.0
1,1-Biphenyl		1.423	1.394	1.527	1.504	1.503	1.497	4.5
2-Chloronaphthalene		1.080	1.051	1.160	1.146	1.139	1.137	4.8
2-Nitroaniline		0.288	0.320	0.370	0.366	0.385	0.360	11.3
Dimethylphthalate		1.512	1.587	1.640	1.505	1.608	1.578	3.5
Acenaphthylene		1.705	1.799	1.947	1.894	1.937	1.892	5.6
2,6-Dinitrotoluene		0.297	0.315	0.344	0.326	0.344	0.331	6.1
3-Nitroaniline		0.302	0.324	0.394	0.376	0.404	0.372	11.3
Acenaphthene		1.065	1.095	1.164	1.141	1.159	1.141	4.1
2,4-Dinitrophenol			0.138	0.181	0.190	0.215	0.193	16.2
4-Nitrophenol			0.247	0.306	0.294	0.322	0.301	9.6
Dibenzofuran		1.795	1.806	1.946	1.856	1.925	1.881	3.5
2,4-Dinitrotoluene		0.390	0.421	0.487	0.455	0.502	0.463	9.4
Diethylphthalate		1.499	1.613	1.685	1.546	1.705	1.622	4.8
4-Chlorophenyl-phenylether		0.695	0.723	0.755	0.722	0.766	0.739	4.0
Fluorene		1.368	1.481	1.581	1.495	1.602	1.524	5.6
4-Nitroaniline		0.272	0.285	0.364	0.351	0.392	0.346	13.9
4,6-Dinitro-2-methylphenol			0.098	0.120	0.130	0.135	0.127	12.5
n-Nitrosodiphenylamine		0.541	0.559	0.623	0.619	0.616	0.605	6.5
Azobenzene		1.431	1.487	1.620	1.541	1.644	1.565	5.3
2,4,6-Tribromophenol		0.238	0.279	0.313	0.289	0.315	0.292	9.4
4-Bromophenyl-phenylether		0.197	0.196	0.220	0.216	0.216	0.213	5.8
Hexachlorobenzene		0.231	0.236	0.253	0.252	0.249	0.248	4.1
Atrazine		0.178	0.194	0.209	0.197	0.199	0.196	4.9
Pentachlorophenol			0.148	0.180	0.180	0.186	0.179	9.1
Phenanthrene		1.045	1.074	1.144	1.106	1.129	1.112	3.6
Anthracene		1.013	1.061	1.162	1.134	1.165	1.126	5.8
Carbazole		0.938	1.027	1.114	1.054	1.089	1.060	6.0
Di-n-butylphthalate		1.145	1.265	1.399	1.349	1.445	1.364	9.0
Fluoranthene		1.231	1.300	1.387	1.287	1.338	1.316	3.9
Benzidine		0.300	0.356	0.350	0.446	0.383	0.373	12.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040224 SAS No.: BM040224 SDG No.: BM040224
Instrument ID: _____ Calibration Date(s): 4/2/2024 1: _____
Calibration Time(s): 13:33 _____

LAB FILE ID:		RRF2.5 = BM044877.D			RRF005 = BM044878.D		RRF010 = BM044879.D	
		RRF020 = BM044880.D			RRF040 = BM044881.D		RRF050 = BM044882.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyrene		1.180	1.234	1.341	1.335	1.384	1.332	7.1
Terphenyl-d14		1.023	1.070	1.185	1.182	1.232	1.171	7.9
Butylbenzylphthalate		0.473	0.538	0.605	0.614	0.666	0.615	14.0
3,3-Dichlorobenzidine		0.445	0.482	0.531	0.511	0.529	0.510	7.2
Benzo (a) anthracene		1.304	1.313	1.418	1.352	1.405	1.380	4.2
Chrysene		1.234	1.244	1.348	1.298	1.336	1.310	4.1
Bis (2-ethylhexyl) phthalate		0.772	0.840	0.959	1.000	1.086	0.982	13.7
Di-n-octyl phthalate		1.318	1.433	1.614	1.629	1.768	1.634	12.3
Benzo (b) fluoranthene		1.067	1.103	1.207	1.164	1.215	1.186	6.8
Benzo (k) fluoranthene		1.070	1.098	1.212	1.190	1.261	1.178	5.9
Benzo (a) pyrene		1.017	1.067	1.170	1.154	1.200	1.149	6.8
Indeno (1,2,3-cd) pyrene		1.385	1.425	1.548	1.488	1.542	1.501	4.9
Dibenzo (a,h) anthracene		1.167	1.193	1.293	1.260	1.299	1.264	4.9
Benzo (g,h,i) perylene		1.143	1.162	1.248	1.208	1.230	1.214	3.9
1,2,4,5-Tetrachlorobenzene		0.508	0.507	0.564	0.558	0.549	0.549	5.5
1,4-Dioxane		0.477	0.542	0.577	0.489	0.522	0.516	6.9
2,3,4,6-Tetrachlorophenol		0.345	0.379	0.419	0.381	0.398	0.387	6.0
1-Methylnaphthalene		0.700	0.747	0.758	0.717	0.750	0.735	3.1

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.: BM040324 SAS No.: BM040324 SDG NO.: BM040324

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044881.D Time Analyzed: 10:30

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	102584	7.651	440589	10.43	276168	14.30
UPPER LIMIT	205168	8.151	881178	10.928	552336	14.798
LOWER LIMIT	51292	7.151	220294.5	9.928	138084	13.798
EPA SAMPLE NO.						
01 PB159882BL	87868	7.65	323949	10.42	194196	14.30
02 PT-BN-WP	73422	7.65	298021	10.42	185151	14.30
03 PT-ACIDS-WP	99146	7.65	397804	10.42	245529	14.30
04 PT-BN-WPDL	71416	7.65	289506	10.42	187792	14.30
05 PT-ACIDS-WPDL	78837	7.65	315273	10.42	201881	14.30

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.: BM040324 SAS No.: BM040324 SDG NO.: BM040324

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044888.D Time Analyzed: 10:30

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	84081	7.645	381469	10.42	256673	14.29
UPPER LIMIT	168162	8.145	762938	10.922	513346	14.792
LOWER LIMIT	42040.5	7.145	190734.5	9.922	128336.5	13.792
EPA SAMPLE NO.						
01 PB159882BL	87868	7.65	323949	10.42	194196	14.30
02 PT-BN-WP	73422	7.65	298021	10.42	185151	14.30
03 PT-ACIDS-WP	99146	7.65	397804	10.42	245529	14.30
04 PT-BN-WPDL	71416	7.65	289506	10.42	187792	14.30
05 PT-ACIDS-WPDL	78837	7.65	315273	10.42	201881	14.30

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.: BM040324 SAS No.: BM040324 SDG NO.: BM040324

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044881.D Time Analyzed: 10:30

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	552678	17.057	560868	21.268	672128	23.497
UPPER LIMIT	1105356	17.557	1121736	21.768	1344256	23.997
LOWER LIMIT	276339	16.557	280434	20.768	336064	22.997
EPA SAMPLE NO.						
01 PB159882BL	417758	17.06	441644	21.26	572716	23.49
02 PT-BN-WP	385379	17.05	400283	21.26	533320	23.49
03 PT-ACIDS-WP	494547	17.06	479960	21.27	626221	23.50
04 PT-BN-WPDL	404911	17.06	425648	21.26	549672	23.50
05 PT-ACIDS-WPDL	433973	17.06	442414	21.27	586953	23.50

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.: BM040324 SAS No.: BM040324 SDG NO.: BM040324

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044888.D Time Analyzed: 10:30

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	557241	17.057	590891	21.262	717731	23.491
UPPER LIMIT	1114482	17.557	1181782	21.762	1435462	23.991
LOWER LIMIT	278620.5	16.557	295445.5	20.762	358865.5	22.991
EPA SAMPLE NO.						
01 PB159882BL	417758	17.06	441644	21.26	572716	23.49
02 PT-BN-WP	385379	17.05	400283	21.26	533320	23.49
03 PT-ACIDS-WP	494547	17.06	479960	21.27	626221	23.50
04 PT-BN-WPDL	404911	17.06	425648	21.26	549672	23.50
05 PT-ACIDS-WPDL	433973	17.06	442414	21.27	586953	23.50

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159882BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040324

SAS No.: BM040324 SDG NO.: BM040324

Lab File ID: BM044889.D

Lab Sample ID: PB159882BL

Instrument ID: BNA_M

Date Extracted: 03/29/2024

Matrix: (soil/water) Water

Date Analyzed: 04/03/2024

Level: (low/med) LOW

Time Analyzed: 10:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PT-BN-WP	P1908-03	BM044890.D	04/03/2024
PT-ACIDS-WP	P1908-06	BM044891.D	04/03/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM040324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1908-03	PT-BN-WP	BM044890.D	2-Fluorophenol	150	150.93	101		10	139
			Phenol-d6	150	144.87	97		10	134
			Nitrobenzene-d5	100	93.44	93		49	133
			2-Fluorobiphenyl	100	95.24	95		52	132
			2,4,6-Tribromophenol	150	108.50	72		32	145
			Terphenyl-d14	100	96.86	97		36	145
P1908-03DL	PT-BN-WPDL	BM044892.D	2-Fluorophenol	150	148.39	99		10	139
			Phenol-d6	150	140.49	94		10	134
			Nitrobenzene-d5	100	92.21	92		49	133
			2-Fluorobiphenyl	100	95.29	95		52	132
			2,4,6-Tribromophenol	150	119.19	79		32	145
			Terphenyl-d14	100	96.58	97		36	145
P1908-06	PT-ACIDS-WP	BM044891.D	2-Fluorophenol	150	121.60	81		10	139
			Phenol-d6	150	116.96	78		10	134
			Nitrobenzene-d5	100	74.74	75		49	133
			2-Fluorobiphenyl	100	73.68	74		52	132
			2,4,6-Tribromophenol	150	112.93	75		32	145
			Terphenyl-d14	100	76.71	77		36	145
P1908-06DL	PT-ACIDS-WPDL	BM044893.D	2-Fluorophenol	150	137.40	92		10	139
			Phenol-d6	150	129.62	86		10	134
			Nitrobenzene-d5	100	85.12	85		49	133
			2-Fluorobiphenyl	100	87.97	88		52	132
			2,4,6-Tribromophenol	150	125.99	84		32	145
			Terphenyl-d14	100	88.21	88		36	145
PB159882BL	PB159882BL	BM044889.D	2-Fluorophenol	150	150.37	100		10	139
			Phenol-d6	150	134.95	90		10	134
			Nitrobenzene-d5	100	89.89	90		49	133
			2-Fluorobiphenyl	100	90.35	90		52	132
			2,4,6-Tribromophenol	150	138.38	92		32	145
			Terphenyl-d14	100	96.47	96		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040324

Lab Code: CHEM

SAS No.: BM040324

SDG NO.: BM040324

Lab File ID: BM044887.D

DFTPP Injection Date: 04/03/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	49.5
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	56.7
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	6.9
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	76
443	15.0 - 24.0% of mass 442	14.7 (19.3) 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	BM044888.D	04/03/2024	09:54
PB159882BL	PB159882BL	BM044889.D	04/03/2024	10:30
PT-BN-WP	P1908-03	BM044890.D	04/03/2024	11:09
PT-ACIDS-WP	P1908-06	BM044891.D	04/03/2024	12:12
PT-BN-WPDL	P1908-03DL	BM044892.D	04/03/2024	13:02
PT-ACIDS-WPDL	P1908-06DL	BM044893.D	04/03/2024	15:03
SSTDCCC040EC	SSTDCCC040	BM044894.D	04/03/2024	16:20