

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM091924 SAS No.: BM091924 SDG No.: BM091924
Instrument ID: BNA_M Calibration Date/Time: 9/19/2024 11:49
Lab File ID: BM047566.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	0.727	0.650		-10.591	
Pyridine	1.601	1.529		-4.497	
2-Fluorophenol	1.256	1.306		3.981	
Benzaldehyde	0.841	0.864		2.735	
Aniline	1.568	1.518		-3.189	
Phenol-d6	1.769	1.780		0.622	
Phenol	1.771	1.744		-1.525	20.0
bis(2-Chloroethyl) ether	1.422	1.432		0.703	
2-Chlorophenol	1.385	1.381		-0.289	
1,2-Dichlorobenzene	1.519	1.466		-3.489	
1,3-Dichlorobenzene	1.516	1.501		-0.989	
1,4-Dichlorobenzene	1.544	1.518		-1.684	20.0
Benzyl Alcohol	1.198	1.193		-0.417	
2-Methylphenol	1.132	1.105		-2.385	
2,2-oxybis(1-Chloropropane)	2.000	1.862		-6.9	
Acetophenone	0.526	0.517		-1.711	
3+4-Methylphenols	1.579	1.514		-4.117	
n-Nitroso-di-n-propylamine	1.193	1.152	0.050	-3.437	
Nitrobenzene-d5	0.400	0.407		1.75	
Hexachloroethane	0.617	0.627		1.621	
Nitrobenzene	0.411	0.412		0.243	
Isophorone	0.703	0.720		2.418	
2-Nitrophenol	0.140	0.160		14.286	20.0
2,4-Dimethylphenol	0.212	0.215		1.415	
bis(2-Chloroethoxy) methane	0.441	0.451		2.268	
2,4-Dichlorophenol	0.269	0.275		2.23	20.0
1,2,4-Trichlorobenzene	0.309	0.302		-2.265	
Benzoic acid	0.187	0.226		20.856	
Naphthalene	1.080	1.058		-2.037	
4-Chloroaniline	0.391	0.375		-4.092	
Hexachlorobutadiene	0.171	0.168		-1.754	20.0
Caprolactam	0.089	0.097		8.989	
4-Chloro-3-methylphenol	0.309	0.317		2.589	20.0
2-Methylnaphthalene	0.719	0.693		-3.616	
Hexachlorocyclopentadiene	0.177	0.194	0.050	9.605	
2,4,6-Trichlorophenol	0.339	0.366		7.965	20.0
2-Fluorobiphenyl	1.452	1.489		2.548	
2,4,5-Trichlorophenol	0.383	0.407		6.266	
1,1-Biphenyl	1.556	1.577		1.35	

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Instrument ID: BNA_M Calibration Date/Time: 9/19/2024 11:49

Lab File ID: BM047566.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	1.208	1.206		-0.166	
2-Nitroaniline	0.355	0.393		10.704	
Dimethylphthalate	1.363	1.412		3.595	
Acenaphthylene	1.744	1.766		1.261	
2,6-Dinitrotoluene	0.288	0.308		6.944	
3-Nitroaniline	0.320	0.347		8.437	
Acenaphthene	1.222	1.250		2.291	20.0
2,4-Dinitrophenol	0.125	0.149	0.050	19.2	
4-Nitrophenol	0.263	0.291	0.050	10.646	
Dibenzofuran	1.717	1.690		-1.573	
2,4-Dinitrotoluene	0.384	0.413		7.552	
Diethylphthalate	1.451	1.571		8.27	
4-Chlorophenyl-phenylether	0.707	0.696		-1.556	
Fluorene	1.546	1.546		0.0	
4-Nitroaniline	0.376	0.403		7.181	
4,6-Dinitro-2-methylphenol	0.091	0.104		14.286	
n-Nitrosodiphenylamine	0.612	0.614		0.327	20.0
Azobenzene	1.597	1.675		4.884	
2,4,6-Tribromophenol	0.193	0.201		4.145	
4-Bromophenyl-phenylether	0.194	0.192		-1.031	
Hexachlorobenzene	0.220	0.218		-0.909	
Atrazine	0.169	0.142		-15.976	
Pentachlorophenol	0.128	0.146		14.062	20.0
Phenanthrene	1.102	1.082		-1.815	
Anthracene	1.059	1.059		0.0	
Carbazole	1.049	1.066		1.621	
Di-n-butylphthalate	1.256	1.479		17.755	
Fluoranthene	1.203	1.232		2.411	20.0
Benzidine	0.282	0.463		64.184	
Pyrene	1.459	1.474		1.028	
Terphenyl-d14	1.116	1.244		11.47	
Butylbenzylphthalate	0.562	0.730		29.893	
3,3-Dichlorobenzidine	0.347	0.471		35.735	
Benzo(a)anthracene	1.304	1.336		2.454	
Chrysene	1.233	1.250		1.379	
Bis(2-ethylhexyl)phthalate	0.880	1.186		34.773	
Di-n-octyl phthalate	1.244	1.882		51.286	20.0
Benzo(b)fluoranthene	1.294	1.298		0.309	
Benzo(k)fluoranthene	1.282	1.261		-1.638	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091924 SAS No.: BM091924 SDG No.: BM091924

Instrument ID: BNA_M Calibration Date/Time: 9/19/2024 11:49

Lab File ID: BM047566.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	1.061	1.080		1.791	20.0
Indeno(1,2,3-cd)pyrene	1.197	1.356		13.283	
Dibenzo(a,h)anthracene	1.007	1.134		12.612	
Benzo(g,h,i)perylene	0.984	1.114		13.211	
1,2,4,5-Tetrachlorobenzene	0.541	0.545		0.739	
1,4-Dioxane	0.538	0.526		-2.23	20.0
2,3,4,6-Tetrachlorophenol	0.299	0.307		2.676	
1-Methylnaphthalene	0.714	0.685		-4.062	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BM091924
Lab Sample ID:	PB163318BL	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
BM047567.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BM091924
Lab Sample ID:	PB163318BL	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
BM047567.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BM091924
Lab Sample ID:	PB163318BL	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
BM047567.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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	124.241		10-139		83	SPK: -150
13127-88-3	Phenol-d6	108.822		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	77.969		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	76.653		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BM091924
Lab Sample ID:	PB163318BL	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
BM047567.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.014		44-137		71	SPK: -150
1718-51-0	Terphenyl-d14	95.092		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	353821	7.839				
1146-65-2	Naphthalene-d8	1340234	10.633				
15067-26-2	Acenaphthene-d10	659710	14.474				
1517-22-2	Phenanthrene-d10	1165231	17.209				
1719-03-5	Chrysene-d12	864552	21.433				
1520-96-3	Perylene-d12	939242	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.4	A			4.951	
000057-10-3	n-Hexadecanoic acid	13.5	J			18.109	
000057-11-4	Octadecanoic acid	6	J			19.38	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BM091924
Lab Sample ID:	PB163318BS	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
BM047568.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.5		1	8	10	ug/L
110-86-1	Pyridine	36.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.6		4	8	10	ug/L
62-53-3	Aniline	46.2		1.6	4	5	ug/L
108-95-2	Phenol	46.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1.4	4	5	ug/L
98-86-2	Acetophenone	44.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44		1	4	5	ug/L
98-95-3	Nitrobenzene	44.1		1.3	4	5	ug/L
78-59-1	Isophorone	44.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	42.6		5.5	8	10	ug/L
91-20-3	Naphthalene	42.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BM091924
Lab Sample ID:	PB163318BS	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
BM047568.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	36.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	51		0.81	4	5	ug/L
Total PAH	Total PAH	804.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	82.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	45.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.9		0.98	4	5	ug/L
86-73-7	Fluorene	43.4		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	44.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.3		0.89	4	5	ug/L
103-33-3	Azobenzene	47.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.6		1.1	4	5	ug/L
1912-24-9	Atrazine	51.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BM091924
Lab Sample ID:	PB163318BS	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
BM047568.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.6		0.89	4	5	ug/L
120-12-7	Anthracene	49.2		1.1	4	5	ug/L
86-74-8	Carbazole	46.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.7		1.3	4	5	ug/L
92-87-5	Benzidine	88.9	E	4.1	8	10	ug/L
129-00-0	Pyrene	48.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	50.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.6		0.94	4	5	ug/L
218-01-9	Chrysene	48.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	61.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	63.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	62.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	59		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	155.538		10-139		104	SPK: -150
13127-88-3	Phenol-d6	140.148		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	96.14		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	95.753		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BM091924
Lab Sample ID:	PB163318BS	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
BM047568.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.405		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	111.348		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304822	7.839				
1146-65-2	Naphthalene-d8	1201949	10.639				
15067-26-2	Acenaphthene-d10	615193	14.474				
1517-22-2	Phenanthrene-d10	1066013	17.209				
1719-03-5	Chrysene-d12	844898	21.433				
1520-96-3	Perylene-d12	808669	24.456				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BM091924
Lab Sample ID:	PB163318BSD	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
BM047569.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.8		1	8	10	ug/L
110-86-1	Pyridine	36.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.6		4	8	10	ug/L
62-53-3	Aniline	45.5		1.6	4	5	ug/L
108-95-2	Phenol	45.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.5		1.4	4	5	ug/L
98-86-2	Acetophenone	44.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.6		1	4	5	ug/L
98-95-3	Nitrobenzene	44.5		1.3	4	5	ug/L
78-59-1	Isophorone	45		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	42		5.5	8	10	ug/L
91-20-3	Naphthalene	43.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BM091924
Lab Sample ID:	PB163318BSD	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
BM047569.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	36.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	50.9		0.81	4	5	ug/L
Total PAH	Total PAH	807.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	82.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	46		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.9		0.98	4	5	ug/L
86-73-7	Fluorene	44.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.8		0.89	4	5	ug/L
103-33-3	Azobenzene	47.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.1		1.1	4	5	ug/L
1912-24-9	Atrazine	52.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BM091924
Lab Sample ID:	PB163318BSD	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
BM047569.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.1		0.89	4	5	ug/L
120-12-7	Anthracene	49.5		1.1	4	5	ug/L
86-74-8	Carbazole	46.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	44		1.3	4	5	ug/L
92-87-5	Benzidine	88.5	E	4.1	8	10	ug/L
129-00-0	Pyrene	48.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	51.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.1		0.94	4	5	ug/L
218-01-9	Chrysene	48.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	61		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	63.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	63		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	59		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	39		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	152.849		10-139		102	SPK: -150
13127-88-3	Phenol-d6	138.53		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	96.452		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	96.918		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BM091924
Lab Sample ID:	PB163318BSD	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
BM047569.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.05		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	113.202		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	312652	7.845				
1146-65-2	Naphthalene-d8	1211917	10.639				
15067-26-2	Acenaphthene-d10	613404	14.474				
1517-22-2	Phenanthrene-d10	1048553	17.21				
1719-03-5	Chrysene-d12	835988	21.433				
1520-96-3	Perylene-d12	806711	24.456				

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM091924
Lab Sample ID:	P3845-22	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
BM047570.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM091924
Lab Sample ID:	P3845-22	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
BM047570.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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	19.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM091924
Lab Sample ID:	P3845-22	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
BM047570.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

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	160.402		10-139		107	SPK: -150
13127-88-3	Phenol-d6	145.88		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	104.565		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	106.194		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM091924
Lab Sample ID:	P3845-22	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
BM047570.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.037		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	131.085	*	48-125		131	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294611	7.84				
1146-65-2	Naphthalene-d8	1113898	10.634				
15067-26-2	Acenaphthene-d10	542943	14.469				
1517-22-2	Phenanthrene-d10	990223	17.204				
1719-03-5	Chrysene-d12	743798	21.433				
1520-96-3	Perylene-d12	838933	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6	A			4.952	
003397-62-4	1,3,5-Triazine-2,4-diamine, 6-chlo	3.7	J			14.904	
	unknown15.827	6.7	J			15.827	
001610-17-9	Atraton	5.5	J			16.474	
001610-18-0	Prometon	9	J			16.551	
000122-34-9	Simazine	10	J			16.61	
007287-19-6	Prometryn	5.9	J			17.916	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BM091924
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BM047571.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.2		1	8	10	ug/L
110-86-1	Pyridine	37.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4.4	J	4	8	10	ug/L
62-53-3	Aniline	41.9		1.6	4	5	ug/L
108-95-2	Phenol	50.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.1		1.4	4	5	ug/L
98-86-2	Acetophenone	48.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.1		1.5	4	5	ug/L
67-72-1	Hexachloroethane	48.4		1	4	5	ug/L
98-95-3	Nitrobenzene	47.9		1.3	4	5	ug/L
78-59-1	Isophorone	48.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	72.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.8		5.5	8	10	ug/L
91-20-3	Naphthalene	46.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	27		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BM091924
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BM047571.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	200	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	56.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	54.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	52.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	51.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	56.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	39.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.5		0.81	4	5	ug/L
Total PAH	Total PAH	899.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	130	E	2	8	10	ug/L
132-64-9	Dibenzofuran	51.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	52.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	51.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49		0.98	4	5	ug/L
86-73-7	Fluorene	50.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	52.9		0.89	4	5	ug/L
103-33-3	Azobenzene	53.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48		1.1	4	5	ug/L
1912-24-9	Atrazine	54.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BM091924
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047571.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	51.3		0.89	4	5	ug/L
120-12-7	Anthracene	52.4		1.1	4	5	ug/L
86-74-8	Carbazole	50.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.6		1.3	4	5	ug/L
92-87-5	Benzidine	42.6		4.1	8	10	ug/L
129-00-0	Pyrene	53		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	61.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	57.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.5		0.94	4	5	ug/L
218-01-9	Chrysene	51		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	64.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	56.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	55.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	56.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	71.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	72.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.1		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.2		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	41.1		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	107.858		60-140		108	SPK: -100
13127-88-3	Phenol-d6	96.794		60-140		97	SPK: -100
4165-60-0	Nitrobenzene-d5	99.102		60-140		99	SPK: -100
321-60-8	2-Fluorobiphenyl	104.883		60-140		105	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.562		60-140		99	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BM091924
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BM047571.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	120.419		60-140		120	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316365	7.839				
1146-65-2	Naphthalene-d8	1270819	10.639				
15067-26-2	Acenaphthene-d10	613452	14.474				
1517-22-2	Phenanthrene-d10	1120707	17.209				
1719-03-5	Chrysene-d12	848609	21.433				
1520-96-3	Perylene-d12	735730	24.456				
	1-Methylnaphthalene	42.5					

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BM091924
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BM047572.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.6		1	8	10	ug/L
110-86-1	Pyridine	36.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	J	4	8	10	ug/L
62-53-3	Aniline	42.3		1.6	4	5	ug/L
108-95-2	Phenol	50.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.3		1.4	4	5	ug/L
98-86-2	Acetophenone	48.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.1		1.5	4	5	ug/L
67-72-1	Hexachloroethane	48.9		1	4	5	ug/L
98-95-3	Nitrobenzene	47.5		1.3	4	5	ug/L
78-59-1	Isophorone	48.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	72		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.7		5.5	8	10	ug/L
91-20-3	Naphthalene	46.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BM091924
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BM047572.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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	47.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	210	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	55.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	54.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	51.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	51.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	56.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	37.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	57		0.81	4	5	ug/L
Total PAH	Total PAH	894.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	50.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	50.6		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.2		0.98	4	5	ug/L
86-73-7	Fluorene	49.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	53.4		0.89	4	5	ug/L
103-33-3	Azobenzene	52.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.8		1.1	4	5	ug/L
1912-24-9	Atrazine	54.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BM091924
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BM047572.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.6		0.89	4	5	ug/L
120-12-7	Anthracene	51.9		1.1	4	5	ug/L
86-74-8	Carbazole	49.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	45.3		1.3	4	5	ug/L
92-87-5	Benzidine	44.1		4.1	8	10	ug/L
129-00-0	Pyrene	54.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	62.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	57.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.7		0.94	4	5	ug/L
218-01-9	Chrysene	51.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	62.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	65.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	56.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	56.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	70.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	71.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.4		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.6		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	40.1		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.113		60-140		108	SPK: -100
13127-88-3	Phenol-d6	97.029		60-140		97	SPK: -100
4165-60-0	Nitrobenzene-d5	98.869		60-140		99	SPK: -100
321-60-8	2-Fluorobiphenyl	104.555		60-140		105	SPK: -100
118-79-6	2,4,6-Tribromophenol	96.49		60-140		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BM091924
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BM047572.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	123.53		60-140		124	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	349760	7.84				
1146-65-2	Naphthalene-d8	1419216	10.64				
15067-26-2	Acenaphthene-d10	682946	14.475				
1517-22-2	Phenanthrene-d10	1211941	17.21				
1719-03-5	Chrysene-d12	863394	21.433				
1520-96-3	Perylene-d12	748197	24.456				
	1-Methylnaphthalene	41.9					

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM091924
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BM047573.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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	4	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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM091924
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BM047573.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM091924
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047573.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	99.44		60-140		99	SPK: -100
13127-88-3	Phenol-d6	90.743		60-140		91	SPK: -100
4165-60-0	Nitrobenzene-d5	98.397		60-140		98	SPK: -100
321-60-8	2-Fluorobiphenyl	103.455		60-140		103	SPK: -100
118-79-6	2,4,6-Tribromophenol	73.852		60-140		74	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM091924
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BM047573.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	129.786		60-140		130	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319571	7.839				
1146-65-2	Naphthalene-d8	1227567	10.639				
15067-26-2	Acenaphthene-d10	572655	14.468				
1517-22-2	Phenanthrene-d10	1053943	17.204				
1719-03-5	Chrysene-d12	713655	21.433				
1520-96-3	Perylene-d12	703338	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	42.7	A			4.951	
000822-67-3	2-Cyclohexen-1-ol	3.2	J			5.745	
000930-68-7	2-Cyclohexen-1-one	5.5	J			6.463	
001561-86-0	2-Chlorocyclohexanol	4.3	J			8.157	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BM091924
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047574.D	5	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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	6	U	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	7.4	U	7.4	20	25	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	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	5.1	U	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	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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BM091924
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BM047574.D	5	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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	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	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	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	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	4.7	U	4.7	20	25	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.8	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	15.4	U	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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BM091924
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047574.D	5	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

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	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
58-90-2	2,3,4,6-Tetrachlorophenol	4	U	4	20	25	ug/L
123-91-1	1,4-Dioxane	1700	E	6.3	20	25	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	43.63	*	60-140		44	SPK: -100
13127-88-3	Phenol-d6	26.52	*	60-140		27	SPK: -100
4165-60-0	Nitrobenzene-d5	78.35		60-140		78	SPK: -100
321-60-8	2-Fluorobiphenyl	84.515		60-140		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	80		60-140		80	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BM091924
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BM047574.D	5	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	90.475		60-140		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292077	7.84				
1146-65-2	Naphthalene-d8	1268994	10.633				
15067-26-2	Acenaphthene-d10	676961	14.469				
1517-22-2	Phenanthrene-d10	1315853	17.21				
1719-03-5	Chrysene-d12	1106462	21.433				
1520-96-3	Perylene-d12	1196509	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	100	J			7.963	
000149-57-5	Hexanoic acid, 2-ethyl-	1400	J			9.345	
000124-07-2	Octanoic acid	1600	J			10.187	
	unknown12.475	210	J			12.475	
000334-48-5	n-Decanoic acid	1200	J			12.863	
000143-07-7	Dodecanoic acid	6300	J			15.045	
000544-63-8	Tetradecanoic acid	1000	J			16.657	
	unknown16.715	66.5	J			16.715	
000057-10-3	n-Hexadecanoic acid	650	J			18.121	
000506-17-2	cis-Vaccenic acid	1100	J			19.28	
000057-11-4	Octadecanoic acid	260	J			19.392	
000111-62-6	Ethyl Oleate	540	J			19.445	
000111-61-5	Octadecanoic acid, ethyl ester	650	J			19.568	
000112-11-8	i-Propyl 9-octadecenoate (Z)	62.3	J			19.598	
	unknown19.721	160	J			19.721	
1000340-22-7	Benzoic acid, tetradecyl ester	67.4	J			20.274	
	unknown21.127	86.1	J			21.127	
103098-99-3	Eicosyl benzoate	68.3	J			21.309	
1000383-13-9	Carbonic acid, dodecyl 2-ethylhexy	360	J			22.227	
000141-38-8	Oxiraneoctanoic acid, 3-octyl-, 2-	1800	J			23.703	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BM091924
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BM047574.D	5	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM091924
Lab Sample ID:	PB163525BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047575.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM091924
Lab Sample ID:	PB163525BL	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
BM047575.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM091924
Lab Sample ID:	PB163525BL	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
BM047575.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

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	159.303		18-112		106	SPK: -150
13127-88-3	Phenol-d6	140.21		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	98.601		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	98.305		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM091924
Lab Sample ID:	PB163525BL	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
BM047575.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.854		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	130.756	*	10-105		131	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	321878	7.84				
1146-65-2	Naphthalene-d8	1220647	10.634				
15067-26-2	Acenaphthene-d10	605405	14.469				
1517-22-2	Phenanthrene-d10	1062846	17.204				
1719-03-5	Chrysene-d12	741692	21.427				
1520-96-3	Perylene-d12	785495	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.952	

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BS	SDG No.:	BM091924
Lab Sample ID:	PB163525BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047576.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	400		180	270	330	ug/Kg
62-53-3	Aniline	1200		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		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	1300		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1300		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		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	1300		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1200		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1200		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BS	SDG No.:	BM091924
Lab Sample ID:	PB163525BS	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
BM047576.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	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	1300		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1300		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	820		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	21900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		85.5	130	170	ug/Kg
86-73-7	Fluorene	1200		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1200		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BS	SDG No.:	BM091924
Lab Sample ID:	PB163525BS	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
BM047576.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

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	1300		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1200		81.6	130	170	ug/Kg
92-87-5	Benzidine	2600		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1300		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	1300		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		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	1400		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	1300		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.257		18-112		88	SPK: -150
13127-88-3	Phenol-d6	117.444		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	78.263		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.33		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BS	SDG No.:	BM091924
Lab Sample ID:	PB163525BS	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
BM047576.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.173		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	92.17		10-105		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	347794	7.839				
1146-65-2	Naphthalene-d8	1413634	10.639				
15067-26-2	Acenaphthene-d10	725458	14.474				
1517-22-2	Phenanthrene-d10	1249098	17.209				
1719-03-5	Chrysene-d12	931080	21.433				
1520-96-3	Perylene-d12	885105	24.456				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10B	SDG No.:	BM091924
Lab Sample ID:	P4103-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047577.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.6	U	96.6	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.2	U	94.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10B	SDG No.:	BM091924
Lab Sample ID:	P4103-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047577.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.7	U	94.7	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169	U	169	130	340	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10B	SDG No.:	BM091924
Lab Sample ID:	P4103-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047577.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	81.5	U	81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.5	U	96.5	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.3	U	98.3	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	142.453		18-112		95	SPK: -150
13127-88-3	Phenol-d6	130.043		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	85.607		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	79.263		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10B	SDG No.:	BM091924
Lab Sample ID:	P4103-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047577.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.823		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	95.273		10-105		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275927	7.84				
1146-65-2	Naphthalene-d8	1098397	10.634				
15067-26-2	Acenaphthene-d10	619366	14.469				
1517-22-2	Phenanthrene-d10	1161651	17.204				
1719-03-5	Chrysene-d12	1002774	21.433				
1520-96-3	Perylene-d12	1123684	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.952	
017301-23-4	Undecane, 2,6-dimethyl-	280	J			10.816	
015869-94-0	Octane, 3,6-dimethyl-	550	J			11.681	
074645-98-0	Dodecane, 2,7,10-trimethyl-	510	J			13.028	
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5, unknown	160	J			13.416	
	13.904	170	J			13.904	
019218-94-1	Tetradecane, 1-iodo- unknown	710	J			13.975	
	14.316	250	J			14.316	
002131-42-2	Naphthalene, 1,4,6-trimethyl- unknown	180	J			14.945	
	15.010	310	J			15.01	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	270	J			15.092	
000644-08-6	1,1-Biphenyl, 4-methyl-	160	J			15.639	
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	910	J			15.739	
000490-65-3	Naphthalene, 1-methyl-7-(1-methyle	200	J			16.033	
006975-98-0	Decane, 2-methyl-	2500	J			16.221	
001430-97-3	9H-Fluorene, 2-methyl-	490	J			16.568	
000629-50-5	Tridecane	1300	J			17.039	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	320	J			17.639	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			18.998	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10B	SDG No.:	BM091924
Lab Sample ID:	P4103-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047577.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000297-03-0	Cyclotetracosane	180	J			21.115	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMS	SDG No.:	BM091924
Lab Sample ID:	P4103-13MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047578.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	480		180	270	330	ug/Kg
62-53-3	Aniline	890		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1600		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	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	500		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMS	SDG No.:	BM091924
Lab Sample ID:	P4103-13MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047578.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	960		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	27500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMS	SDG No.:	BM091924
Lab Sample ID:	P4103-13MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047578.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	2800	E	160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.566		18-112		81	SPK: -150
13127-88-3	Phenol-d6	110.952		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	74.244		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	70.062		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMS	SDG No.:	BM091924
Lab Sample ID:	P4103-13MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047578.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.999		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	75.116		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	340939	7.839				
1146-65-2	Naphthalene-d8	1335428	10.639				
15067-26-2	Acenaphthene-d10	679516	14.474				
1517-22-2	Phenanthrene-d10	1193242	17.209				
1719-03-5	Chrysene-d12	977837	21.433				
1520-96-3	Perylene-d12	1177268	24.456				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMSD	SDG No.:	BM091924
Lab Sample ID:	P4103-13MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047579.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	470		180	270	330	ug/Kg
62-53-3	Aniline	870		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1600		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		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMSD	SDG No.:	BM091924
Lab Sample ID:	P4103-13MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BM047579.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

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	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	970		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	27500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMSD	SDG No.:	BM091924
Lab Sample ID:	P4103-13MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BM047579.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	2800	E	160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.651		18-112		80	SPK: -150
13127-88-3	Phenol-d6	109.574		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	73.644		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	71.701		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10BMSD	SDG No.:	BM091924
Lab Sample ID:	P4103-13MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BM047579.D	1	9/19/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.73		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	73.225		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	362139	7.839				
1146-65-2	Naphthalene-d8	1412622	10.639				
15067-26-2	Acenaphthene-d10	717566	14.474				
1517-22-2	Phenanthrene-d10	1268669	17.209				
1719-03-5	Chrysene-d12	1103452	21.433				
1520-96-3	Perylene-d12	1305193	24.456				

Hit Summary Sheet SW-846

SDG No.: BM091924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RR-TRIAZINE-WP								
P3845-22	RR-TRIAZINE-WP	Water	1,3,5-Triazine-2,4-diamine, 6-chlc *	3.700	J			
P3845-22	RR-TRIAZINE-WP	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.000	A			
P3845-22	RR-TRIAZINE-WP	Water	Atraton *	5.500	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometon *	9.000	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometryn *	5.900	J			
P3845-22	RR-TRIAZINE-WP	Water	Simazine *	10.000	J			
P3845-22	RR-TRIAZINE-WP	Water	unknown15.827 *	6.700	J			
			Total Tics :			46.80		
P3845-22	RR-TRIAZINE-WP	Water	Atrazine	19.200		1.3	5	ug/L
			Total Svoc :			19.20		
			Total Concentration:			66.00		
Client ID : EFF-WW								
P3956-02	EFF-WW	Water	1-Hexanol, 2-ethyl- *	100.000	J			
P3956-02	EFF-WW	Water	Benzoic acid, tetradecyl ester *	67.400	J			
P3956-02	EFF-WW	Water	Carbonic acid, dodecyl 2-ethylhex *	360.000	J			
P3956-02	EFF-WW	Water	cis-Vaccenic acid *	1,100.000	J			
P3956-02	EFF-WW	Water	Dodecanoic acid *	6,300.000	J			
P3956-02	EFF-WW	Water	Eicosyl benzoate *	68.300	J			
P3956-02	EFF-WW	Water	Ethyl Oleate *	540.000	J			
P3956-02	EFF-WW	Water	Hexanoic acid, 2-ethyl- *	1,400.000	J			
P3956-02	EFF-WW	Water	i-Propyl 9-octadecenoate (Z) *	62.300	J			
P3956-02	EFF-WW	Water	n-Decanoic acid *	1,200.000	J			
P3956-02	EFF-WW	Water	n-Hexadecanoic acid *	650.000	J			
P3956-02	EFF-WW	Water	Octadecanoic acid *	260.000	J			
P3956-02	EFF-WW	Water	Octadecanoic acid, ethyl ester *	650.000	J			
P3956-02	EFF-WW	Water	Octanoic acid *	1,600.000	J			
P3956-02	EFF-WW	Water	Oxiraneoctanoic acid, 3-octyl-, 2- *	1,800.000	J			
P3956-02	EFF-WW	Water	Tetradecanoic acid *	1,000.000	J			
P3956-02	EFF-WW	Water	unknown12.475 *	210.000	J			
P3956-02	EFF-WW	Water	unknown16.715 *	66.500	J			
P3956-02	EFF-WW	Water	unknown19.721 *	160.000	J			
P3956-02	EFF-WW	Water	unknown21.127 *	86.100	J			
			Total Tics :			17,680.60		
P3956-02	EFF-WW	Water	1,4-Dioxane	1,700.000	E	6.3	25	ug/L
			Total Svoc :			1,700.00		
			Total Concentration:			19,380.60		

Client ID : WC-14-7.5-10B

Hit Summary Sheet SW-846

SDG No.: BM091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4103-13	WC-14-7.5-10B	Solid	1,1-Biphenyl, 4-methyl-	*	160.000	J		
P4103-13	WC-14-7.5-10B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P4103-13	WC-14-7.5-10B	Solid	3-Methyl-4-(methoxycarbonyl)he	*	910.000	J		
P4103-13	WC-14-7.5-10B	Solid	9H-Fluorene, 2-methyl-	*	490.000	J		
P4103-13	WC-14-7.5-10B	Solid	Cyclotetracosane	*	180.000	J		
P4103-13	WC-14-7.5-10B	Solid	Decane, 2-methyl-	*	2,500.000	J		
P4103-13	WC-14-7.5-10B	Solid	Dodecane, 2,7,10-trimethyl-	*	510.000	J		
P4103-13	WC-14-7.5-10B	Solid	Heptadecane, 2,6,10,15-tetrameth	*	320.000	J		
P4103-13	WC-14-7.5-10B	Solid	Naphthalene, 1,2,3,4-tetrahydro-5	*	160.000	J		
P4103-13	WC-14-7.5-10B	Solid	Naphthalene, 1,4,6-trimethyl-	*	180.000	J		
P4103-13	WC-14-7.5-10B	Solid	Naphthalene, 1,6,7-trimethyl-	*	270.000	J		
P4103-13	WC-14-7.5-10B	Solid	Naphthalene, 1-methyl-7-(1-meth	*	200.000	J		
P4103-13	WC-14-7.5-10B	Solid	Octane, 3,6-dimethyl-	*	550.000	J		
P4103-13	WC-14-7.5-10B	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P4103-13	WC-14-7.5-10B	Solid	Tetradecane, 1-iodo-	*	710.000	J		
P4103-13	WC-14-7.5-10B	Solid	Tridecane	*	1,300.000	J		
P4103-13	WC-14-7.5-10B	Solid	Undecane, 2,6-dimethyl-	*	280.000	J		
P4103-13	WC-14-7.5-10B	Solid	unknown13.904	*	170.000	J		
P4103-13	WC-14-7.5-10B	Solid	unknown14.316	*	250.000	J		
P4103-13	WC-14-7.5-10B	Solid	unknown15.010	*	310.000	J		
Total Tics :					9,800.00			
Total Concentration:					9,800.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM091424

SAS No.: BM091424

SDG No.: BM091424

Instrument ID:

Calibration Date(s): 9/14/2024

Calibration Time(s): 11:57

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.724	0.730	0.742	0.730	0.717	0.727	1.7
Pyridine		1.680	1.592	1.594	1.587	1.559	1.601	2.4
2-Fluorophenol		1.216	1.208	1.228	1.244	1.245	1.256	4.0
Benzaldehyde		0.923	0.986	0.993	0.837	0.771	0.841	15.8
Aniline		1.542	1.529	1.565	1.586	1.563	1.568	1.7
Phenol-d6		1.632	1.623	1.717	1.795	1.809	1.769	6.6
Phenol		1.676	1.679	1.747	1.781	1.786	1.771	4.4
bis(2-Chloroethyl)ether		1.451	1.413	1.426	1.418	1.397	1.422	1.2
2-Chlorophenol		1.338	1.321	1.380	1.395	1.375	1.385	3.4
1,2-Dichlorobenzene		1.545	1.492	1.503	1.507	1.489	1.519	1.8
1,3-Dichlorobenzene		1.586	1.512	1.497	1.503	1.467	1.516	2.5
1,4-Dichlorobenzene		1.593	1.535	1.529	1.527	1.507	1.544	1.9
Benzyl Alcohol		1.094	1.097	1.191	1.232	1.230	1.198	6.3
2-Methylphenol		1.041	1.073	1.128	1.161	1.154	1.132	4.9
2,2-oxybis(1-Chloropropane)		2.103	2.031	2.065	2.009	1.949	2.000	3.7
Acetophenone		0.521	0.509	0.519	0.527	0.524	0.526	2.3
3+4-Methylphenols		1.441	1.493	1.591	1.613	1.602	1.579	5.2
n-Nitroso-di-n-propylamine	1.067	1.144	1.154	1.230	1.244	1.233	1.193	5.4
Nitrobenzene-d5		0.387	0.384	0.400	0.406	0.400	0.400	2.8
Hexachloroethane		0.639	0.606	0.627	0.615	0.603	0.617	2.2
Nitrobenzene		0.409	0.406	0.417	0.413	0.407	0.411	1.5
Isophorone		0.671	0.679	0.705	0.711	0.710	0.703	2.8
2-Nitrophenol		0.105	0.116	0.134	0.147	0.152	0.140	16.2
2,4-Dimethylphenol		0.208	0.202	0.211	0.210	0.213	0.212	3.2
bis(2-Chloroethoxy)methane		0.448	0.436	0.441	0.441	0.436	0.441	1.1
2,4-Dichlorophenol		0.236	0.243	0.266	0.275	0.280	0.269	8.5
1,2,4-Trichlorobenzene		0.313	0.296	0.300	0.302	0.305	0.309	3.4
Benzoic acid			0.125	0.156	0.192	0.207	0.187	20.9
Naphthalene		1.083	1.042	1.056	1.077	1.079	1.080	2.5
4-Chloroaniline		0.382	0.373	0.389	0.393	0.393	0.391	2.6
Hexachlorobutadiene		0.173	0.166	0.167	0.169	0.169	0.171	2.7
Caprolactam		0.073	0.079	0.090	0.093	0.093	0.089	10.6
4-Chloro-3-methylphenol		0.269	0.284	0.305	0.318	0.319	0.309	8.0
2-Methylnaphthalene		0.683	0.672	0.693	0.726	0.727	0.719	5.3
Hexachlorocyclopentadiene		0.168	0.163	0.168	0.183	0.182	0.177	6.2
2,4,6-Trichlorophenol		0.279	0.301	0.325	0.350	0.358	0.339	11.5

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.: BM091424

SAS No.: BM091424

SDG No.: BM091424

Instrument ID:

Calibration Date(s): 9/14/2024

Calibration Time(s): 11:57

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.331	1.295	1.385	1.515	1.523	1.452	8.0
2,4,5-Trichlorophenol		0.324	0.345	0.367	0.395	0.403	0.383	10.2
1,1-Biphenyl		1.498	1.446	1.490	1.571	1.584	1.556	5.2
2-Chloronaphthalene		1.157	1.137	1.169	1.218	1.234	1.208	4.6
2-Nitroaniline		0.282	0.314	0.355	0.376	0.380	0.355	11.7
Dimethylphthalate		1.316	1.308	1.336	1.372	1.376	1.363	3.3
Acenaphthylene		1.607	1.598	1.682	1.788	1.792	1.744	6.6
2,6-Dinitrotoluene		0.241	0.267	0.285	0.297	0.300	0.288	9.1
3-Nitroaniline		0.263	0.284	0.316	0.336	0.339	0.320	10.7
Acenaphthene		1.108	1.111	1.162	1.247	1.267	1.222	7.8
2,4-Dinitrophenol			0.079	0.103	0.128	0.135	0.125	23.8
4-Nitrophenol		0.195	0.231	0.263	0.282	0.284	0.263	14.2
Dibenzofuran		1.659	1.609	1.655	1.734	1.743	1.717	4.6
2,4-Dinitrotoluene		0.302	0.338	0.378	0.408	0.409	0.384	12.6
Diethylphthalate		1.358	1.374	1.435	1.482	1.473	1.451	4.6
4-Chlorophenyl-phenylether		0.616	0.625	0.683	0.744	0.745	0.707	9.2
Fluorene		1.350	1.378	1.506	1.630	1.642	1.546	8.7
4-Nitroaniline		0.276	0.315	0.377	0.420	0.417	0.376	15.5
4,6-Dinitro-2-methylphenol			0.061	0.077	0.091	0.097	0.091	20.9
n-Nitrosodiphenylamine		0.558	0.546	0.590	0.632	0.633	0.612	7.9
Azobenzene		1.526	1.559	1.620	1.654	1.619	1.597	2.7
2,4,6-Tribromophenol		0.149	0.159	0.177	0.202	0.211	0.193	16.7
4-Bromophenyl-phenylether		0.176	0.170	0.183	0.197	0.201	0.194	9.6
Hexachlorobenzene		0.210	0.196	0.206	0.222	0.224	0.220	7.8
Atrazine		0.149	0.155	0.169	0.178	0.174	0.169	7.5
Pentachlorophenol		0.090	0.101	0.121	0.136	0.140	0.128	19.6
Phenanthrene		1.037	0.999	1.054	1.134	1.131	1.102	6.6
Anthracene		0.948	0.939	1.021	1.104	1.102	1.059	8.6
Carbazole		0.942	0.946	1.015	1.090	1.085	1.049	7.9
Di-n-butylphthalate		1.064	1.097	1.238	1.340	1.349	1.256	10.1
Fluoranthene		1.036	1.044	1.149	1.281	1.276	1.203	10.4
Benzidine		0.303	0.320	0.312	0.253	0.265	0.282	12.4
Pyrene		1.327	1.317	1.353	1.494	1.564	1.459	9.2
Terphenyl-d14		0.989	1.037	1.142	1.256	1.239	1.116	13.2
Butylbenzylphthalate		0.433	0.474	0.540	0.588	0.604	0.562	14.9
3,3-Dichlorobenzidine		0.297	0.326	0.358	0.362	0.356	0.347	7.5

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.: BM091424 SAS No.: BM091424 SDG No.: BM091424
Instrument ID: _____ Calibration Date(s): 9/14/2024 : _____
Calibration Time(s): 11:57 _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.245	1.220	1.286	1.333	1.325	1.304	4.3
Chrysene		1.196	1.178	1.201	1.254	1.250	1.233	3.4
Bis(2-ethylhexyl)phthalate		0.663	0.761	0.854	0.928	0.947	0.880	14.7
Di-n-octyl phthalate		0.873	1.043	1.243	1.301	1.309	1.244	18.0
Benzo(b)fluoranthene		1.120	1.142	1.236	1.340	1.381	1.294	9.9
Benzo(k)fluoranthene		1.113	1.131	1.212	1.364	1.350	1.282	10.0
Benzo(a)pyrene		0.906	0.941	1.018	1.098	1.114	1.061	10.2
Indeno(1,2,3-cd)pyrene		1.079	1.075	1.152	1.184	1.238	1.197	9.8
Dibenzo(a,h)anthracene		0.894	0.894	0.964	0.994	1.047	1.007	10.6
Benzo(g,h,i)perylene		0.917	0.883	0.940	0.968	1.018	0.984	9.6
1,2,4,5-Tetrachlorobenzene		0.505	0.491	0.514	0.547	0.554	0.541	7.2
1,4-Dioxane		0.601	0.559	0.552	0.520	0.506	0.538	6.5
2,3,4,6-Tetrachlorophenol		0.259	0.271	0.284	0.306	0.313	0.299	9.4
1-Methylnaphthalene		0.679	0.670	0.694	0.716	0.728	0.714	4.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091924 SAS No.: BM091924 SDG NO.: BM091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 12:35

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	365126	7.851	1.61822e+01	10.65	947755	14.48
UPPER LIMIT	730252	8.351	3236440	11.145	1895510	14.98
LOWER LIMIT	182563	7.351	809110	10.145	473877.5	13.98
EPA SAMPLE NO.						
01 PB163318BL	353821	7.84	1.34023e	10.63	659710	14.47
02 PB163318BS	304822	7.84	1.20195e	10.64	615193	14.47
03 PB163318BSD	312652	7.85	1.21192e	10.64	613404	14.47
04 RR-TRIAZINE-WP	294611	7.84	1.1139e+	10.63	542943	14.47
05 PB163344BS	316365	7.84	1.27082e	10.64	613452	14.47
06 PB163344BSD	349760	7.84	1.41922e	10.64	682946	14.48
07 PB163344BL	319571	7.84	1.22757e	10.64	572655	14.47
08 EFF-WW	292077	7.84	1.26899e	10.63	676961	14.47
09 PB163525BL	321878	7.84	1.22065e	10.63	605405	14.47
10 PB163525BS	347794	7.84	1.41363e	10.64	725458	14.47
11 WC-14-7.5-10B	275927	7.84	1.0984e+	10.63	619366	14.47
12 WC-14-7.5-10BMS	340939	7.84	1.33543e	10.64	679516	14.47
13 WC-14-7.5-10BMSD	362139	7.84	1.41262e	10.64	717566	14.47

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.: BM091924 SAS No.: BM091924 SDG NO.: BM091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BM047566.D Time Analyzed: 12:35

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	406101	7.839	1.6745e+00	10.64	905170	14.47
UPPER LIMIT	812202	8.339	3349000	11.139	1810340	14.974
LOWER LIMIT	203050.5	7.339	837250	10.139	452585	13.974
EPA SAMPLE NO.						
01 PB163318BL	353821	7.84	1.34023e	10.63	659710	14.47
02 PB163318BS	304822	7.84	1.20195e	10.64	615193	14.47
03 PB163318BSD	312652	7.85	1.21192e	10.64	613404	14.47
04 RR-TRIAZINE-WP	294611	7.84	1.1139e+	10.63	542943	14.47
05 PB163344BS	316365	7.84	1.27082e	10.64	613452	14.47
06 PB163344BSD	349760	7.84	1.41922e	10.64	682946	14.48
07 PB163344BL	319571	7.84	1.22757e	10.64	572655	14.47
08 EFF-WW	292077	7.84	1.26899e	10.63	676961	14.47
09 PB163525BL	321878	7.84	1.22065e	10.63	605405	14.47
10 PB163525BS	347794	7.84	1.41363e	10.64	725458	14.47
11 WC-14-7.5-10B	275927	7.84	1.0984e+	10.63	619366	14.47
12 WC-14-7.5-10BMS	340939	7.84	1.33543e	10.64	679516	14.47
13 WC-14-7.5-10BMSD	362139	7.84	1.41262e	10.64	717566	14.47

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.: BM091924 SAS No.: BM091924 SDG NO.: BM091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 12:35

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	1.79233e+0	17.215	1.6278e+0	21.444	1.30886e+0	24.468
UPPER LIMIT	3584660	17.715	3255600	21.944	2617720	24.968
LOWER LIMIT	896165	16.715	813900	20.944	654430	23.968
EPA SAMPLE NO.						
01 PB163318BL	1.16523	17.21	864552	21.43	939242	24.46
02 PB163318BS	1.06601	17.21	844898	21.43	808669	24.46
03 PB163318BSD	1.04855	17.21	835988	21.43	806711	24.46
04 RR-TRIAZINE-WP	990223	17.20	743798 *	21.43	838933	24.46
05 PB163344BS	1.12071	17.21	848609	21.43	735730	24.46
06 PB163344BSD	1.21194	17.21	863394	21.43	748197	24.46
07 PB163344BL	1.05394	17.20	713655 *	21.43	703338	24.45
08 EFF-WW	1.31585	17.21	1.10646e+	21.43	1.19651e+	24.46
09 PB163525BL	1.06285	17.20	741692 *	21.43	785495	24.45
10 PB163525BS	1.2491e	17.21	931080	21.43	885105	24.46
11 WC-14-7.5-10B	1.16165	17.20	1.00277e+	21.43	1.12368e+	24.45
12 WC-14-7.5-10BMS	1.19324	17.21	977837	21.43	1.17727e+	24.46
13 WC-14-7.5-10BMSD	1.26867	17.21	1.10345e+	21.43	1.30519e+	24.46

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091924 SAS No.: BM091924 SDG NO.: BM091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BM047566.D Time Analyzed: 12:35

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	1.69987e+01	17.209	1.49189e+	21.433	1.45782e+01	24.462
UPPER LIMIT	3399740	17.709	2983780	21.933	2915640	24.962
LOWER LIMIT	849935	16.709	745945	20.933	728910	23.962
EPA SAMPLE NO.						
01 PB163318BL	1.16523	17.21	864552	21.43	939242	24.46
02 PB163318BS	1.06601	17.21	844898	21.43	808669	24.46
03 PB163318BSD	1.04855	17.21	835988	21.43	806711	24.46
04 RR-TRIAZINE-WP	990223	17.20	743798 *	21.43	838933	24.46
05 PB163344BS	1.12071	17.21	848609	21.43	735730	24.46
06 PB163344BSD	1.21194	17.21	863394	21.43	748197	24.46
07 PB163344BL	1.05394	17.20	713655 *	21.43	703338 *	24.45
08 EFF-WW	1.31585	17.21	1.10646e+	21.43	1.19651e+	24.46
09 PB163525BL	1.06285	17.20	741692 *	21.43	785495	24.45
10 PB163525BS	1.2491e	17.21	931080	21.43	885105	24.46
11 WC-14-7.5-10B	1.16165	17.20	1.00277e+	21.43	1.12368e+	24.45
12 WC-14-7.5-10BMS	1.19324	17.21	977837	21.43	1.17727e+	24.46
13 WC-14-7.5-10BMSD	1.26867	17.21	1.10345e+	21.43	1.30519e+	24.46

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163318BS	n-Nitrosodimethylamine	50	40.5	ug/L	81				55	108	
	Pyridine	50	36.5	ug/L	73				29	97	
	Benzaldehyde	50	17.6	ug/L	35				10	162	
	Aniline	50	46.2	ug/L	92				10	130	
	Phenol	50	46.2	ug/L	92				66	118	
	bis(2-Chloroethyl)ether	50	44.2	ug/L	88				62	103	
	2-Chlorophenol	50	45.3	ug/L	91				70	117	
	1,2-Dichlorobenzene	50	41.3	ug/L	83				72	102	
	1,3-Dichlorobenzene	50	42.7	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	42.9	ug/L	86				76	103	
	Benzyl Alcohol	50	45.6	ug/L	91				36	93	
	2-Methylphenol	50	44.5	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.9	ug/L	86				65	100	
	Acetophenone	50	44.5	ug/L	89				60	104	
	3+4-Methylphenols	50	43.7	ug/L	87				67	106	
	N-Nitroso-di-n-propylamine	50	41.3	ug/L	83				57	107	
	Hexachloroethane	50	44	ug/L	88				76	118	
	Nitrobenzene	50	44.1	ug/L	88				58	106	
	Isophorone	50	44.6	ug/L	89				61	102	
	2-Nitrophenol	50	50.1	ug/L	100				70	115	
	2,4-Dimethylphenol	50	57	ug/L	114				42	142	
	bis(2-Chloroethoxy)methane	50	44.8	ug/L	90				58	109	
	2,4-Dichlorophenol	50	46.6	ug/L	93				66	115	
	1,2,4-Trichlorobenzene	50	40.8	ug/L	82				41	115	
	Benzoic acid	50	42.6	ug/L	85				10	125	
	Naphthalene	50	42.9	ug/L	86				64	107	
	4-Chloroaniline	50	28.3	ug/L	57				10	85	
	Hexachlorobutadiene	50	41	ug/L	82				69	101	
	Caprolactam	50	43.9	ug/L	88				58	128	
	4-Chloro-3-methylphenol	50	44.9	ug/L	90				65	114	
	2-Methylnaphthalene	50	42.4	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	49.2	ug/L	98				61	110	
	2,4,5-Trichlorophenol	50	47.7	ug/L	95				70	106	
	1,1-Biphenyl	50	45.6	ug/L	91				72	98	
	2-Chloronaphthalene	50	44.5	ug/L	89				59	106	
	2-Nitroaniline	50	49.7	ug/L	99				73	114	
	Dimethylphthalate	50	45.9	ug/L	92				64	103	
	Acenaphthylene	50	49.3	ug/L	99				79	103	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				64	110	
	3-Nitroaniline	50	36.9	ug/L	74				28	100	
	Acenaphthene	50	51	ug/L	102				59	113	
	Total PAH	800	804.7	ug/L	101				59	113	
	2,4-Dinitrophenol	100	82.7	ug/L	83				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163318BS	4-Nitrophenol	100	110	ug/L	110				45	147		
	Dibenzofuran	50	44.5	ug/L	89				65	106		
	2,4-Dinitrotoluene	50	45.9	ug/L	92				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	90.1	ug/L	90				60	115		
	Diethylphthalate	50	45.2	ug/L	90				63	105		
	4-Chlorophenyl-phenylether	50	41.9	ug/L	84				61	104		
	Fluorene	50	43.4	ug/L	87				64	107		
	4-Nitroaniline	50	43.7	ug/L	87				55	125		
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90				62	132		
	N-Nitrosodiphenylamine	50	48.3	ug/L	97				61	109		
	Azobenzene	50	47.7	ug/L	95				59	106		
	4-Bromophenyl-phenylether	50	44	ug/L	88				73	103		
	Hexachlorobenzene	50	44.6	ug/L	89				73	106		
	Atrazine	50	51.5	ug/L	103				76	120		
	Pentachlorophenol	100	100	ug/L	100				47	114		
	Phenanthrene	50	46.6	ug/L	93				62	109		
	Anthracene	50	49.2	ug/L	98				65	110		
	Carbazole	50	46.3	ug/L	93				62	106		
	Di-n-butylphthalate	50	50	ug/L	100				64	106		
	Fluoranthene	50	43.7	ug/L	87				64	110		
	Benzidine	100	88.9	ug/L	89				10	94		
	Pyrene	50	48.8	ug/L	98				71	103		
	Butylbenzylphthalate	50	56.6	ug/L	113		*		61	105		
	3,3-Dichlorobenzidine	50	50.4	ug/L	101				43	108		
	Benzo(a)anthracene	50	48.6	ug/L	97				62	107		
	Chrysene	50	48.4	ug/L	97				61	108		
	bis(2-Ethylhexyl)phthalate	50	55.6	ug/L	111		*		59	110		
	Di-n-octyl phthalate	50	61.1	ug/L	122				52	139		
	Benzo(b)fluoranthene	50	46.6	ug/L	93				77	113		
	Benzo(k)fluoranthene	50	47.8	ug/L	96				77	105		
	Benzo(a)pyrene	50	53.4	ug/L	107				72	131		
	Indeno(1,2,3-cd)pyrene	50	63.7	ug/L	127		*		72	105		
	Dibenz(a,h)anthracene	50	62.3	ug/L	125		*		78	115		
	Benzo(g,h,i)perylene	50	59	ug/L	118				75	118		
	1,2,4,5-Tetrachlorobenzene	50	46.8	ug/L	94				72	101		
	1,4-Dioxane	50	38.9	ug/L	78				38	125		
	2,3,4,6-Tetrachlorophenol	50	46.4	ug/L	93				63	116		
	1-Methylnaphthalene	50	39.3	ug/L	79				51	114		
PB163318BSD	n-Nitrosodimethylamine	50	40.8	ug/L	82				55	108	20	
	Pyridine	50	36.1	ug/L	72				29	97	20	
	Benzaldehyde	50	17.6	ug/L	35				10	162	20	
	Aniline	50	45.5	ug/L	91				10	130	20	
	Phenol	50	45.6	ug/L	91				66	118	20	
	bis(2-Chloroethyl)ether	50	43.7	ug/L	87				62	103	20	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163318BSD	2-Chlorophenol	50	45.1	ug/L	90				70	117	20
	1,2-Dichlorobenzene	50	40.9	ug/L	82				72	102	20
	1,3-Dichlorobenzene	50	42.7	ug/L	85				71	103	20
	1,4-Dichlorobenzene	50	42.1	ug/L	84				76	103	20
	Benzyl Alcohol	50	45.4	ug/L	91				36	93	20
	2-Methylphenol	50	44.4	ug/L	89				69	109	20
	2,2-oxybis(1-Chloropropane)	50	42.5	ug/L	85				65	100	20
	Acetophenone	50	44.6	ug/L	89				60	104	20
	3+4-Methylphenols	50	42.9	ug/L	86				67	106	20
	N-Nitroso-di-n-propylamine	50	41	ug/L	82				57	107	20
	Hexachloroethane	50	43.6	ug/L	87				76	118	20
	Nitrobenzene	50	44.5	ug/L	89				58	106	20
	Isophorone	50	45	ug/L	90				61	102	20
	2-Nitrophenol	50	50.6	ug/L	101				70	115	20
	2,4-Dimethylphenol	50	57.5	ug/L	115				42	142	20
	bis(2-Chloroethoxy)methane	50	44.8	ug/L	90				58	109	20
	2,4-Dichlorophenol	50	46.9	ug/L	94				66	115	20
	1,2,4-Trichlorobenzene	50	41.2	ug/L	82				41	115	20
	Benzoic acid	50	42	ug/L	84				10	125	20
	Naphthalene	50	43.3	ug/L	87				64	107	20
	4-Chloroaniline	50	28.8	ug/L	58				10	85	20
	Hexachlorobutadiene	50	41.3	ug/L	83				69	101	20
	Caprolactam	50	43.8	ug/L	88				58	128	20
	4-Chloro-3-methylphenol	50	44.8	ug/L	90				65	114	20
	2-Methylnaphthalene	50	42.3	ug/L	85				64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	20
	2,4,6-Trichlorophenol	50	50.4	ug/L	101				61	110	20
	2,4,5-Trichlorophenol	50	47.6	ug/L	95				70	106	20
	1,1-Biphenyl	50	46.3	ug/L	93				72	98	20
	2-Chloronaphthalene	50	45.2	ug/L	90				59	106	20
	2-Nitroaniline	50	49.8	ug/L	100				73	114	20
	Dimethylphthalate	50	45.9	ug/L	92				64	103	20
	Acenaphthylene	50	49.9	ug/L	100				79	103	20
	2,6-Dinitrotoluene	50	44.6	ug/L	89				64	110	20
	3-Nitroaniline	50	36.8	ug/L	74				28	100	20
	Acenaphthene	50	50.9	ug/L	102				59	113	20
	Total PAH	800	807.9	ug/L	101				59	113	20
	2,4-Dinitrophenol	100	82.2	ug/L	82				36	166	20
	4-Nitrophenol	100	110	ug/L	110				45	147	20
	Dibenzofuran	50	45	ug/L	90				65	106	20
	2,4-Dinitrotoluene	50	46	ug/L	92				60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	90.6	ug/L	91				60	115	20
	Diethylphthalate	50	45.7	ug/L	91				63	105	20
	4-Chlorophenyl-phenylether	50	41.9	ug/L	84				61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163318BSD	Fluorene	50	44.1	ug/L	88				64	107		20
	4-Nitroaniline	50	43.5	ug/L	87				55	125		20
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90				62	132		20
	N-Nitrosodiphenylamine	50	48.8	ug/L	98				61	109		20
	Azobenzene	50	47.6	ug/L	95				59	106		20
	4-Bromophenyl-phenylether	50	44.8	ug/L	90				73	103		20
	Hexachlorobenzene	50	45.1	ug/L	90				73	106		20
	Atrazine	50	52.1	ug/L	104				76	120		20
	Pentachlorophenol	100	110	ug/L	110				47	114		20
	Phenanthrene	50	47.1	ug/L	94				62	109		20
	Anthracene	50	49.5	ug/L	99				65	110		20
	Carbazole	50	46.8	ug/L	94				62	106		20
	Di-n-butylphthalate	50	49.8	ug/L	100				64	106		20
	Fluoranthene	50	44	ug/L	88				64	110		20
	Benzidine	100	88.5	ug/L	89				10	94		20
	Pyrene	50	48.3	ug/L	97				71	103		20
	Butylbenzylphthalate	50	56.2	ug/L	112		*		61	105		20
	3,3-Dichlorobenzidine	50	51.4	ug/L	103				43	108		20
	Benzo(a)anthracene	50	49.1	ug/L	98				62	107		20
	Chrysene	50	48.6	ug/L	97				61	108		20
	bis(2-Ethylhexyl)phthalate	50	55.5	ug/L	111		*		59	110		20
	Di-n-octyl phthalate	50	61	ug/L	122				52	139		20
	Benzo(b)fluoranthene	50	46.1	ug/L	92				77	113		20
	Benzo(k)fluoranthene	50	48	ug/L	96				77	105		20
	Benzo(a)pyrene	50	53.4	ug/L	107				72	131		20
	Indeno(1,2,3-cd)pyrene	50	63.6	ug/L	127		*		72	105		20
	Dibenz(a,h)anthracene	50	63	ug/L	126		*		78	115		20
	Benzo(g,h,i)perylene	50	59	ug/L	118				75	118		20
	1,2,4,5-Tetrachlorobenzene	50	47.7	ug/L	95				72	101		20
	1,4-Dioxane	50	39	ug/L	78				38	125		20
	2,3,4,6-Tetrachlorophenol	50	46.4	ug/L	93				63	116		20
	1-Methylnaphthalene	50	39.5	ug/L	79				51	114		20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163344BS	n-Nitrosodimethylamine	50	44.2	ug/L	88				52	110	
	Pyridine	50	37.6	ug/L	75				55	145	
	Benzaldehyde	50	4.4	ug/L	9		*		10	110	
	Aniline	50	41.9	ug/L	84				50	150	
	Phenol	50	50.6	ug/L	101				48	130	
	bis(2-Chloroethyl)ether	50	48.1	ug/L	96				52	130	
	2-Chlorophenol	50	50.1	ug/L	100				55	130	
	1,2-Dichlorobenzene	50	45.9	ug/L	92				32	129	
	1,3-Dichlorobenzene	50	46.6	ug/L	93				1	172	
	1,4-Dichlorobenzene	50	47.1	ug/L	94				20	124	
	Benzyl Alcohol	50	49	ug/L	98				10	156	
	2-Methylphenol	50	49.8	ug/L	100				15	153	
	2,2-oxybis(1-Chloropropane)	50	46.1	ug/L	92				63	139	
	Acetophenone	50	48.5	ug/L	97				21	128	
	3+4-Methylphenols	50	47.7	ug/L	95				10	156	
	N-Nitroso-di-n-propylamine	50	47.1	ug/L	94				59	170	
	Hexachloroethane	50	48.4	ug/L	97				55	130	
	Nitrobenzene	50	47.9	ug/L	96				54	158	
	Isophorone	50	48.4	ug/L	97				52	180	
	2-Nitrophenol	50	53.6	ug/L	107				61	163	
	2,4-Dimethylphenol	50	72.3	ug/L	145		*		58	130	
	bis(2-Chloroethoxy)methane	50	49.3	ug/L	99				52	164	
	2,4-Dichlorophenol	50	50	ug/L	100				64	130	
	1,2,4-Trichlorobenzene	50	45.7	ug/L	91				44	142	
	Benzoic acid	50	44.8	ug/L	90				10	159	
	Naphthalene	50	46.7	ug/L	93				70	130	
	4-Chloroaniline	50	27	ug/L	54				10	126	
	Hexachlorobutadiene	50	43.3	ug/L	87				68	130	
	Caprolactam	50	47.2	ug/L	94				10	160	
	4-Chloro-3-methylphenol	50	47.7	ug/L	95				68	130	
	2-Methylnaphthalene	50	45.1	ug/L	90				25	124	
	Hexachlorocyclopentadiene	100	200	ug/L	200		*		21	137	
	2,4,6-Trichlorophenol	50	56.1	ug/L	112				69	130	
	2,4,5-Trichlorophenol	50	54.8	ug/L	110		*		74	100	
	1,1-Biphenyl	50	52.6	ug/L	105				20	125	
	2-Chloronaphthalene	50	51.9	ug/L	104				70	130	
	2-Nitroaniline	50	56.6	ug/L	113		*		61	112	
	Dimethylphthalate	50	51.9	ug/L	104				50	130	
	Acenaphthylene	50	54.9	ug/L	110				60	130	
	2,6-Dinitrotoluene	50	51.1	ug/L	102				68	137	
	3-Nitroaniline	50	39.3	ug/L	79				35	106	
	Acenaphthene	50	57.5	ug/L	115				70	130	
	Total PAH	800	899.1	ug/L	112				70	130	
	2,4-Dinitrophenol	100	90.4	ug/L	90				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client: _____

Analytical Method: **625.1**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163344BS	4-Nitrophenol	100	130	ug/L	130				35	130	
	Dibenzofuran	50	51.6	ug/L	103				29	125	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	103.2	ug/L	103				53	130	
	2,4-Dinitrotoluene	50	52.1	ug/L	104				53	130	
	Diethylphthalate	50	51.9	ug/L	104				47	130	
	4-Chlorophenyl-phenylether	50	49	ug/L	98				57	145	
	Fluorene	50	50.8	ug/L	102				70	130	
	4-Nitroaniline	50	50.2	ug/L	100				69	101	
	4,6-Dinitro-2-methylphenol	50	47.6	ug/L	95				56	130	
	N-Nitrosodiphenylamine	50	52.9	ug/L	106		*		63	100	
	Azobenzene	50	53.9	ug/L	108		*		58	105	
	4-Bromophenyl-phenylether	50	48.4	ug/L	97				70	130	
	Hexachlorobenzene	50	48	ug/L	96				38	142	
	Atrazine	50	54.6	ug/L	109				51	130	
	Pentachlorophenol	100	110	ug/L	110				42	152	
	Phenanthrene	50	51.3	ug/L	103				67	130	
	Anthracene	50	52.4	ug/L	105				58	130	
	Carbazole	50	50.3	ug/L	101				60	125	
	Di-n-butylphthalate	50	53.4	ug/L	107				52	130	
	Fluoranthene	50	46.6	ug/L	93				47	130	
	Benzidine	100	42.6	ug/L	43				10	133	
	Pyrene	50	53	ug/L	106				70	130	
	Butylbenzylphthalate	50	61.6	ug/L	123				43	140	
	3,3-Dichlorobenzidine	50	57.7	ug/L	115				18	213	
	Benzo(a)anthracene	50	52.5	ug/L	105				42	133	
	Chrysene	50	51	ug/L	102				44	140	
	bis(2-Ethylhexyl)phthalate	50	61.4	ug/L	123				43	137	
	Di-n-octyl phthalate	50	64.7	ug/L	129				21	132	
	Benzo(b)fluoranthene	50	56.1	ug/L	112				42	140	
	Benzo(k)fluoranthene	50	55.6	ug/L	111				25	146	
	Benzo(a)pyrene	50	56.1	ug/L	112				32	148	
	Indeno(1,2,3-cd)pyrene	50	70.9	ug/L	142				13	151	
	Dibenz(a,h)anthracene	50	71.6	ug/L	143				13	200	
	Benzo(g,h,i)perylene	50	72.1	ug/L	144				13	195	
	1,2,4,5-Tetrachlorobenzene	50	54.1	ug/L	108				70	130	
	2,3,4,6-Tetrachlorophenol	50	53.2	ug/L	106				70	130	
	1,4-Dioxane	50	41.1	ug/L	82				70	130	
PB163344BSD	n-Nitrosodimethylamine	50	43.6	ug/L	87	1			52	110	20
	Pyridine	50	36.9	ug/L	74	2			55	145	20
	Benzaldehyde	50	4	ug/L	8	10	*		10	110	20
	Aniline	50	42.3	ug/L	85	1			50	150	20
	Phenol	50	50.4	ug/L	101	0			48	130	20
	bis(2-Chloroethyl)ether	50	48.2	ug/L	96	0			52	130	20
	2-Chlorophenol	50	50.4	ug/L	101	1			55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: 625.1

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163344BSD	1,2-Dichlorobenzene	50	45.9	ug/L	92	0			32	129	20
	1,3-Dichlorobenzene	50	46.8	ug/L	94	0			1	172	20
	1,4-Dichlorobenzene	50	47	ug/L	94	0			20	124	20
	Benzyl Alcohol	50	50	ug/L	100	2			10	156	20
	2-Methylphenol	50	49.8	ug/L	100	0			15	153	20
	2,2-oxybis(1-Chloropropane)	50	46.3	ug/L	93	0			63	139	20
	Acetophenone	50	48.2	ug/L	96	1			21	128	20
	3+4-Methylphenols	50	47.9	ug/L	96	0			10	156	20
	N-Nitroso-di-n-propylamine	50	47.1	ug/L	94	0			59	170	20
	Hexachloroethane	50	48.9	ug/L	98	1			55	130	20
	Nitrobenzene	50	47.5	ug/L	95	1			54	158	20
	Isophorone	50	48.3	ug/L	97	0			52	180	20
	2-Nitrophenol	50	54.2	ug/L	108	1			61	163	20
	2,4-Dimethylphenol	50	72	ug/L	144	0	*		58	130	20
	bis(2-Chloroethoxy)methane	50	48.7	ug/L	97	1			52	164	20
	2,4-Dichlorophenol	50	50	ug/L	100	0			64	130	20
	1,2,4-Trichlorobenzene	50	45.6	ug/L	91	0			44	142	20
	Benzoic acid	50	45.7	ug/L	91	2			10	159	20
	Naphthalene	50	46.3	ug/L	93	1			70	130	20
	4-Chloroaniline	50	25.9	ug/L	52	4			10	126	20
	Hexachlorobutadiene	50	43.6	ug/L	87	1			68	130	20
	Caprolactam	50	46.6	ug/L	93	1			10	160	20
	4-Chloro-3-methylphenol	50	47.7	ug/L	95	0			68	130	20
	2-Methylnaphthalene	50	44.6	ug/L	89	1			25	124	20
	Hexachlorocyclopentadiene	100	210	ug/L	210	5	*		21	137	20
	2,4,6-Trichlorophenol	50	55.9	ug/L	112	0			69	130	20
	2,4,5-Trichlorophenol	50	54.4	ug/L	109	1	*		74	100	20
	1,1-Biphenyl	50	51.8	ug/L	104	2			20	125	20
	2-Chloronaphthalene	50	51.5	ug/L	103	1			70	130	20
	2-Nitroaniline	50	56.2	ug/L	112	1			61	112	20
	Dimethylphthalate	50	51.7	ug/L	103	0			50	130	20
	Acenaphthylene	50	54.3	ug/L	109	1			60	130	20
	2,6-Dinitrotoluene	50	50.4	ug/L	101	1			68	137	20
	3-Nitroaniline	50	37.5	ug/L	75	5			35	106	20
	Acenaphthene	50	57	ug/L	114	1			70	130	20
	Total PAH	800	894.1	ug/L	112	1			70	130	20
	2,4-Dinitrophenol	100	90.2	ug/L	90	0			39	173	20
	4-Nitrophenol	100	120	ug/L	120	8			35	130	20
	Dibenzofuran	50	50.5	ug/L	101	2			29	125	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	101	ug/L	101	2			53	130	20
	2,4-Dinitrotoluene	50	50.6	ug/L	101	3			53	130	20
	Diethylphthalate	50	50.5	ug/L	101	3			47	130	20
	4-Chlorophenyl-phenylether	50	48.2	ug/L	96	2			57	145	20
	Fluorene	50	49.8	ug/L	100	2			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: 625.1

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163344BSD	4-Nitroaniline	50	48.5	ug/L	97	3			69	101	20
	4,6-Dinitro-2-methylphenol	50	47.9	ug/L	96	1			56	130	20
	N-Nitrosodiphenylamine	50	53.4	ug/L	107	1	*		63	100	20
	Azobenzene	50	52.6	ug/L	105	2			58	105	20
	4-Bromophenyl-phenylether	50	49.2	ug/L	98	2			70	130	20
	Hexachlorobenzene	50	47.8	ug/L	96	0			38	142	20
	Atrazine	50	54.6	ug/L	109	0			51	130	20
	Pentachlorophenol	100	110	ug/L	110	0			42	152	20
	Phenanthrene	50	50.6	ug/L	101	1			67	130	20
	Anthracene	50	51.9	ug/L	104	1			58	130	20
	Carbazole	50	49.2	ug/L	98	2			60	125	20
	Di-n-butylphthalate	50	53.3	ug/L	107	0			52	130	20
	Fluoranthene	50	45.3	ug/L	91	3			47	130	20
	Benzidine	100	44.1	ug/L	44	3			10	133	20
	Pyrene	50	54.3	ug/L	109	2			70	130	20
	Butylbenzylphthalate	50	62.2	ug/L	124	1			43	140	20
	3,3-Dichlorobenzidine	50	57.9	ug/L	116	0			18	213	20
	Benzo(a)anthracene	50	52.7	ug/L	105	0			42	133	20
	Chrysene	50	51.2	ug/L	102	0			44	140	20
	bis(2-Ethylhexyl)phthalate	50	62.7	ug/L	125	2			43	137	20
	Di-n-octyl phthalate	50	65.4	ug/L	131	1			21	132	20
	Benzo(b)fluoranthene	50	54.8	ug/L	110	2			42	140	20
	Benzo(k)fluoranthene	50	56.8	ug/L	114	2			25	146	20
	Benzo(a)pyrene	50	56.1	ug/L	112	0			32	148	20
	Indeno(1,2,3-cd)pyrene	50	70.3	ug/L	141	1			13	151	20
	Dibenz(a,h)anthracene	50	70.9	ug/L	142	1			13	200	20
	Benzo(g,h,i)perylene	50	71.8	ug/L	144	0			13	195	20
	1,2,4,5-Tetrachlorobenzene	50	54.4	ug/L	109	1			70	130	20
	2,3,4,6-Tetrachlorophenol	50	52.6	ug/L	105	1			70	130	20
	1,4-Dioxane	50	40.1	ug/L	80	2			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163525BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	400	ug/Kg	24				10	133	
	Aniline	1700	1200	ug/Kg	71				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	1,2-Dichlorobenzene	1700	1200	ug/Kg	71				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	1300	ug/Kg	76				42	116	
	2-Methylphenol	1700	1300	ug/Kg	76				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1300	ug/Kg	76				66	98	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1300	ug/Kg	76				62	107	
	1,2,4-Trichlorobenzene	1700	1200	ug/Kg	71				44	110	
	Benzoic acid	1700	1200	ug/Kg	71				10	140	
	Naphthalene	1700	1200	ug/Kg	71				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1200	ug/Kg	71				53	98	
	Caprolactam	1700	1200	ug/Kg	71				67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				58	112	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1200	ug/Kg	71				61	104	
	3-Nitroaniline	1700	820	ug/Kg	48				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	21900	ug/Kg	81				57	104	
	2,4-Dinitrophenol	3300	2300	ug/Kg	70				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163525BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	2500	ug/Kg	74				60	106		
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76				60	106		
	Diethylphthalate	1700	1300	ug/Kg	76				60	101		
	4-Chlorophenyl-phenylether	1700	1200	ug/Kg	71				58	98		
	Fluorene	1700	1200	ug/Kg	71				61	101		
	4-Nitroaniline	1700	1200	ug/Kg	71				64	103		
	4,6-Dinitro-2-methylphenol	1700	1300	ug/Kg	76				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99		
	Azobenzene	1700	1400	ug/Kg	82				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				66	102		
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98		
	Atrazine	1700	1500	ug/Kg	88				47	152		
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105		
	Phenanthrene	1700	1300	ug/Kg	76				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1300	ug/Kg	76				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1200	ug/Kg	71				57	107		
	Benzidine	3300	2600	ug/Kg	79				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102		
	Chrysene	1700	1300	ug/Kg	76				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137		
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				62	109		
	Benzo(k)fluoranthene	1700	1300	ug/Kg	76				62	109		
	Benzo(a)pyrene	1700	1400	ug/Kg	82				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	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108		
	1-Methylnaphthalene	1700	1100	ug/Kg	65		*		70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163318BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091924

SAS No.: BM091924 SDG NO.: BM091924

Lab File ID: BM047567.D

Lab Sample ID: PB163318BL

Instrument ID: BNA_M

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 12:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163318BS	PB163318BS	BM047568.D	09/19/2024
PB163318BSD	PB163318BSD	BM047569.D	09/19/2024
RR-TRIAZINE-WP	P3845-22	BM047570.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163344BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091924

SAS No.: BM091924 SDG NO.: BM091924

Lab File ID: BM047573.D

Lab Sample ID: PB163344BL

Instrument ID: BNA_M

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 16:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EFF-WW	P3956-02	BM047574.D	09/19/2024
PB163344BS	PB163344BS	BM047571.D	09/19/2024
PB163344BSD	PB163344BSD	BM047572.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163525BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091924

SAS No.: BM091924 SDG NO.: BM091924

Lab File ID: BM047575.D

Lab Sample ID: PB163525BL

Instrument ID: BNA_M

Date Extracted: 09/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 17:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163525BS	PB163525BS	BM047576.D	09/19/2024
WC-14-7.5-10B	P4103-13	BM047577.D	09/19/2024
WC-14-7.5-10BMS	P4103-13MS	BM047578.D	09/19/2024
WC-14-7.5-10BMDS	P4103-13MSD	BM047579.D	09/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4103-13MS		Client Sample ID: WC-14-7.5-10BMS		DataFile: BM047578.D							
n-Nitrosodimethylamine	1700		1400	ug/Kg	82				66	124	
Pyridine	1700		1400	ug/Kg	82				45	119	
Benzaldehyde	1700		480	ug/Kg	28				10	86	
Aniline	1700		890	ug/Kg	52				10	88	
Phenol	1700		1600	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1700		1600	ug/Kg	94				54	125	
2-Chlorophenol	1700		1600	ug/Kg	94				79	107	
1,2-Dichlorobenzene	1700		1500	ug/Kg	88				61	105	
1,3-Dichlorobenzene	1700		1500	ug/Kg	88				62	101	
1,4-Dichlorobenzene	1700		1500	ug/Kg	88				63	104	
Benzyl Alcohol	1700		1600	ug/Kg	94				47	126	
2-Methylphenol	1700		1600	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88				65	110	
Acetophenone	1700		1600	ug/Kg	94				75	111	
3+4-Methylphenols	1700		1500	ug/Kg	88				66	104	
N-Nitroso-di-n-propylamine	1700		1400	ug/Kg	82				59	119	
Hexachloroethane	1700		1600	ug/Kg	94				65	117	
Nitrobenzene	1700		1500	ug/Kg	88				70	119	
Isophorone	1700		1600	ug/Kg	94				76	122	
2-Nitrophenol	1700		1800	ug/Kg	106				54	145	
2,4-Dimethylphenol	1700		2000	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1700		1600	ug/Kg	94				68	112	
2,4-Dichlorophenol	1700		1600	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1700		1500	ug/Kg	88				57	103	
Benzoic acid	1700		1500	ug/Kg	88				50	104	
Naphthalene	1700		1500	ug/Kg	88				72	110	
4-Chloroaniline	1700		500	ug/Kg	29				10	91	
Hexachlorobutadiene	1700		1500	ug/Kg	88				66	114	
Caprolactam	1700		1500	ug/Kg	88				51	134	
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94				57	132	
2-Methylnaphthalene	1700		1500	ug/Kg	88				59	123	
Hexachlorocyclopentadiene	3300		6200	ug/Kg	188	*			10	175	
2,4,6-Trichlorophenol	1700		1700	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1700		1600	ug/Kg	94				72	117	
1,1-Biphenyl	1700		1600	ug/Kg	94				75	113	
2-Chloronaphthalene	1700		1600	ug/Kg	94				67	118	
2-Nitroaniline	1700		1700	ug/Kg	100				69	127	
Dimethylphthalate	1700		1600	ug/Kg	94				70	113	
Acenaphthylene	1700		1700	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1700		1500	ug/Kg	88				70	125	
3-Nitroaniline	1700		960	ug/Kg	56				30	99	
Acenaphthene	1700		1800	ug/Kg	106				70	121	
Total PAH	27200	0	27500	ug/Kg	101				70	121	
2,4-Dinitrophenol	3300		2700	ug/Kg	82				10	155	
4-Nitrophenol	3300		3500	ug/Kg	106				45	133	
Dibenzofuran	1700		1600	ug/Kg	94				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1700	0	1600	ug/Kg	94				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3400		3100	ug/Kg	91				55	128	
Diethylphthalate	1700		1600	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1700		1500	ug/Kg	88				71	108	
Fluorene	1700		1600	ug/Kg	94				68	116	
4-Nitroaniline	1700		1400	ug/Kg	82				55	120	
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88				10	160	
N-Nitrosodiphenylamine	1700		1900	ug/Kg	112				73	118	
Azobenzene	1700		1700	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94				65	121	
Hexachlorobenzene	1700		1600	ug/Kg	94				67	118	
Atrazine	1700		1900	ug/Kg	112				79	127	
Pentachlorophenol	3300		3700	ug/Kg	112				47	128	
Phenanthrene	1700		1700	ug/Kg	100				52	128	
Anthracene	1700		1700	ug/Kg	100				62	124	
Carbazole	1700		1600	ug/Kg	94				59	119	
Di-n-butylphthalate	1700		1700	ug/Kg	100				69	118	
Fluoranthene	1700		1600	ug/Kg	94				44	125	
Benzydine	3300		2800	ug/Kg	85				10	119	
Pyrene	1700		1700	ug/Kg	100				26	142	
Butylbenzylphthalate	1700		2000	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1700		1700	ug/Kg	100				33	116	
Benzo(a)anthracene	1700		1700	ug/Kg	100				71	114	
Chrysene	1700		1700	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1700		2000	ug/Kg	118				42	169	
Di-n-octyl phthalate	1700		2400	ug/Kg	141				23	175	
Benzo(b)fluoranthene	1700		1500	ug/Kg	88				67	121	
Benzo(k)fluoranthene	1700		1500	ug/Kg	88				57	134	
Benzo(a)pyrene	1700		1800	ug/Kg	106				70	142	
Indeno(1,2,3-cd)pyrene	1700		2100	ug/Kg	124				40	129	
Dibenz(a,h)anthracene	1700		2000	ug/Kg	118				43	123	
Benzo(g,h,i)perylene	1700		1900	ug/Kg	112				24	125	
1,2,4,5-Tetrachlorobenzene	1700		1700	ug/Kg	100				69	124	
1,4-Dioxane	1700		1500	ug/Kg	88				46	112	
2,3,4,6-Tetrachlorophenol	1700		1600	ug/Kg	94				69	112	
1-Methylnaphthalene	1700		1400	ug/Kg	82				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4103-13MSD		Client Sample ID: WC-14-7.5-10BMSD		DataFile: BM047579.D							
n-Nitrosodimethylamine	1700		1300	ug/Kg	76		8		66	124	20
Pyridine	1700		1400	ug/Kg	82		0		45	119	20
Benzaldehyde	1700		470	ug/Kg	28		0		10	86	20
Aniline	1700		870	ug/Kg	51		2		10	88	20
Phenol	1700		1600	ug/Kg	94		0		67	126	20
bis(2-Chloroethyl)ether	1700		1500	ug/Kg	88		7		54	125	20
2-Chlorophenol	1700		1600	ug/Kg	94		0		79	107	20
1,2-Dichlorobenzene	1700		1500	ug/Kg	88		0		61	105	20
1,3-Dichlorobenzene	1700		1500	ug/Kg	88		0		62	101	20
1,4-Dichlorobenzene	1700		1500	ug/Kg	88		0		63	104	20
Benzyl Alcohol	1700		1600	ug/Kg	94		0		47	126	20
2-Methylphenol	1700		1600	ug/Kg	94		0		66	122	20
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88		0		65	110	20
Acetophenone	1700		1600	ug/Kg	94		0		75	111	20
3+4-Methylphenols	1700		1500	ug/Kg	88		0		66	104	20
N-Nitroso-di-n-propylamine	1700		1400	ug/Kg	82		0		59	119	20
Hexachloroethane	1700		1600	ug/Kg	94		0		65	117	20
Nitrobenzene	1700		1500	ug/Kg	88		0		70	119	20
Isophorone	1700		1600	ug/Kg	94		0		76	122	20
2-Nitrophenol	1700		1800	ug/Kg	106		0		54	145	20
2,4-Dimethylphenol	1700		2000	ug/Kg	118		0		44	135	20
bis(2-Chloroethoxy)methane	1700		1600	ug/Kg	94		0		68	112	20
2,4-Dichlorophenol	1700		1700	ug/Kg	100		6		72	118	20
1,2,4-Trichlorobenzene	1700		1500	ug/Kg	88		0		57	103	20
Benzoic acid	1700		1500	ug/Kg	88		0		50	104	20
Naphthalene	1700		1500	ug/Kg	88		0		72	110	20
4-Chloroaniline	1700		550	ug/Kg	32		10		10	91	20
Hexachlorobutadiene	1700		1500	ug/Kg	88		0		66	114	20
Caprolactam	1700		1600	ug/Kg	94		7		51	134	20
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94		0		57	132	20
2-Methylnaphthalene	1700		1500	ug/Kg	88		0		59	123	20
Hexachlorocyclopentadiene	3300		6100	ug/Kg	185	*	2		10	175	20
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106		6		72	117	20
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100		6		72	117	20
1,1-Biphenyl	1700		1600	ug/Kg	94		0		75	113	20
2-Chloronaphthalene	1700		1600	ug/Kg	94		0		67	118	20
2-Nitroaniline	1700		1700	ug/Kg	100		0		69	127	20
Dimethylphthalate	1700		1600	ug/Kg	94		0		70	113	20
Acenaphthylene	1700		1800	ug/Kg	106		6		79	118	20
2,6-Dinitrotoluene	1700		1600	ug/Kg	94		7		70	125	20
3-Nitroaniline	1700		970	ug/Kg	57		2		30	99	20
Acenaphthene	1700		1800	ug/Kg	106		0		70	121	20
Total PAH	27200	0	27500	ug/Kg	101		0		70	121	20
2,4-Dinitrophenol	3300		2800	ug/Kg	85		4		10	155	20
4-Nitrophenol	3300		3500	ug/Kg	106		0		45	133	20
Dibenzofuran	1700		1600	ug/Kg	94		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1700	0	1600	ug/Kg	94		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3400		3200	ug/Kg	94		3		55	128	20
Diethylphthalate	1700		1600	ug/Kg	94		0		70	112	20
4-Chlorophenyl-phenylether	1700		1500	ug/Kg	88		0		71	108	20
Fluorene	1700		1600	ug/Kg	94		0		68	116	20
4-Nitroaniline	1700		1400	ug/Kg	82		0		55	120	20
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88		0		10	160	20
N-Nitrosodiphenylamine	1700		2000	ug/Kg	118		5		73	118	20
Azobenzene	1700		1600	ug/Kg	94		6		73	110	20
4-Bromophenyl-phenylether	1700		1700	ug/Kg	100		6		65	121	20
Hexachlorobenzene	1700		1600	ug/Kg	94		0		67	118	20
Atrazine	1700		1900	ug/Kg	112		0		79	127	20
Pentachlorophenol	3300		3800	ug/Kg	115		3		47	128	20
Phenanthrene	1700		1700	ug/Kg	100		0		52	128	20
Anthracene	1700		1700	ug/Kg	100		0		62	124	20
Carbazole	1700		1600	ug/Kg	94		0		59	119	20
Di-n-butylphthalate	1700		1800	ug/Kg	106		6		69	118	20
Fluoranthene	1700		1600	ug/Kg	94		0		44	125	20
Benzydine	3300		2800	ug/Kg	85		0		10	119	20
Pyrene	1700		1600	ug/Kg	94		6		26	142	20
Butylbenzylphthalate	1700		2000	ug/Kg	118		0		64	126	20
3,3-Dichlorobenzidine	1700		1700	ug/Kg	100		0		33	116	20
Benzo(a)anthracene	1700		1700	ug/Kg	100		0		71	114	20
Chrysene	1700		1700	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1700		1900	ug/Kg	112		5		42	169	20
Di-n-octyl phthalate	1700		2400	ug/Kg	141		0		23	175	20
Benzo(b)fluoranthene	1700		1500	ug/Kg	88		0		67	121	20
Benzo(k)fluoranthene	1700		1500	ug/Kg	88		0		57	134	20
Benzo(a)pyrene	1700		1800	ug/Kg	106		0		70	142	20
Indeno(1,2,3-cd)pyrene	1700		2100	ug/Kg	124		0		40	129	20
Dibenz(a,h)anthracene	1700		2000	ug/Kg	118		0		43	123	20
Benzo(g,h,i)perylene	1700		1900	ug/Kg	112		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1700		1700	ug/Kg	100		0		69	124	20
1,4-Dioxane	1700		1500	ug/Kg	88		0		46	112	20
2,3,4,6-Tetrachlorophenol	1700		1700	ug/Kg	100		6		69	112	20
1-Methylnaphthalene	1700		1500	ug/Kg	88		7		70	130	20

Surrogate Summary

SW-846

SDG No.: **BM091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3845-22	RR-TRIAZINE-WPBM047570.D		2-Fluorophenol	150	160.40	107		10	139
			Phenol-d6	150	145.88	97		10	134
			Nitrobenzene-d5	100	104.57	105		49	133
			2-Fluorobiphenyl	100	106.19	106		52	132
			2,4,6-Tribromophenol	150	150.04	100		44	137
			Terphenyl-d14	100	131.09	131	*	48	125
PB163318BL	PB163318BL	BM047567.D	2-Fluorophenol	150	124.24	83		10	139
			Phenol-d6	150	108.82	73		10	134
			Nitrobenzene-d5	100	77.97	78		49	133
			2-Fluorobiphenyl	100	76.65	77		52	132
			2,4,6-Tribromophenol	150	107.01	71		44	137
			Terphenyl-d14	100	95.09	95		48	125
PB163318BS	PB163318BS	BM047568.D	2-Fluorophenol	150	155.54	104		10	139
			Phenol-d6	150	140.15	93		10	134
			Nitrobenzene-d5	100	96.14	96		49	133
			2-Fluorobiphenyl	100	95.75	96		52	132
			2,4,6-Tribromophenol	150	142.41	95		44	137
			Terphenyl-d14	100	111.35	111		48	125
PB163318BSD	PB163318BSD	BM047569.D	2-Fluorophenol	150	152.85	102		10	139
			Phenol-d6	150	138.53	92		10	134
			Nitrobenzene-d5	100	96.45	96		49	133
			2-Fluorobiphenyl	100	96.92	97		52	132
			2,4,6-Tribromophenol	150	142.05	95		44	137
			Terphenyl-d14	100	113.20	113		48	125

Surrogate Summary

SW-846

SDG No.: **BM091924**

Client: _____

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3956-02	EFF-WW	BM047574.D	2-Fluorophenol	100	43.63	44	*	60	140
			Phenol-d6	100	26.52	27	*	60	140
			Nitrobenzene-d5	100	78.35	78		60	140
			2-Fluorobiphenyl	100	84.52	85		60	140
			2,4,6-Tribromophenol	100	80.00	80		60	140
			Terphenyl-d14	100	90.48	90		60	140
PB163344BL	PB163344BL	BM047573.D	2-Fluorophenol	100	99.44	99		60	140
			Phenol-d6	100	90.74	91		60	140
			Nitrobenzene-d5	100	98.40	98		60	140
			2-Fluorobiphenyl	100	103.46	103		60	140
			2,4,6-Tribromophenol	100	73.85	74		60	140
			Terphenyl-d14	100	129.79	130		60	140
PB163344BS	PB163344BS	BM047571.D	2-Fluorophenol	100	107.86	108		60	140
			Phenol-d6	100	96.79	97		60	140
			Nitrobenzene-d5	100	99.10	99		60	140
			2-Fluorobiphenyl	100	104.88	105		60	140
			2,4,6-Tribromophenol	100	98.56	99		60	140
			Terphenyl-d14	100	120.42	120		60	140
PB163344BSD	PB163344BSD	BM047572.D	2-Fluorophenol	100	108.11	108		60	140
			Phenol-d6	100	97.03	97		60	140
			Nitrobenzene-d5	100	98.87	99		60	140
			2-Fluorobiphenyl	100	104.56	105		60	140
			2,4,6-Tribromophenol	100	96.49	96		60	140
			Terphenyl-d14	100	123.53	124		60	140

Surrogate Summary

SW-846

SDG No.: **BM091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4103-13	WC-14-7.5-10B	BM047577.D	2-Fluorophenol	150	142.45	95		18	112
			Phenol-d6	150	130.04	87		15	107
			Nitrobenzene-d5	100	85.61	86		18	107
			2-Fluorobiphenyl	100	79.26	79		20	109
			2,4,6-Tribromophenol	150	129.82	87		10	116
			Terphenyl-d14	100	95.27	95		10	105
P4103-13MS	WC-14-7.5-10BMS	BM047578.D	2-Fluorophenol	150	121.57	81		18	112
			Phenol-d6	150	110.95	74		15	107
			Nitrobenzene-d5	100	74.24	74		18	107
			2-Fluorobiphenyl	100	70.06	70		20	109
			2,4,6-Tribromophenol	150	112.00	75		10	116
			Terphenyl-d14	100	75.12	75		10	105
P4103-13MSD	WC-14-7.5-10BMS	BM047579.D	2-Fluorophenol	150	120.65	80		18	112
			Phenol-d6	150	109.57	73		15	107
			Nitrobenzene-d5	100	73.64	74		18	107
			2-Fluorobiphenyl	100	71.70	72		20	109
			2,4,6-Tribromophenol	150	115.73	77		10	116
			Terphenyl-d14	100	73.23	73		10	105
PB163525BL	PB163525BL	BM047575.D	2-Fluorophenol	150	159.30	106		18	112
			Phenol-d6	150	140.21	93		15	107
			Nitrobenzene-d5	100	98.60	99		18	107
			2-Fluorobiphenyl	100	98.31	98		20	109
			2,4,6-Tribromophenol	150	142.85	95		10	116
			Terphenyl-d14	100	130.76	131	*	10	105
PB163525BS	PB163525BS	BM047576.D	2-Fluorophenol	150	132.26	88		18	112
			Phenol-d6	150	117.44	78		15	107
			Nitrobenzene-d5	100	78.26	78		18	107
			2-Fluorobiphenyl	100	78.33	78		20	109
			2,4,6-Tribromophenol	150	113.17	75		10	116
			Terphenyl-d14	100	92.17	92		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091924

Lab Code: CHEM

SAS No.: BM091924 SDG NO.: BM091924

Lab File ID: BM047565.D

DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	48.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	56.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	52.7
443	15.0 - 24.0% of mass 442	9.9 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM047566.D	09/19/2024	11:49
PB163318BL	PB163318BL	BM047567.D	09/19/2024	12:35
PB163318BS	PB163318BS	BM047568.D	09/19/2024	13:15
PB163318BSD	PB163318BSD	BM047569.D	09/19/2024	13:54
RR-TRIAZINE-WP	P3845-22	BM047570.D	09/19/2024	14:34
PB163344BS	PB163344BS	BM047571.D	09/19/2024	15:14
PB163344BSD	PB163344BSD	BM047572.D	09/19/2024	15:53
PB163344BL	PB163344BL	BM047573.D	09/19/2024	16:33
EFF-WW	P3956-02	BM047574.D	09/19/2024	17:13
PB163525BL	PB163525BL	BM047575.D	09/19/2024	17:53
PB163525BS	PB163525BS	BM047576.D	09/19/2024	18:32
WC-14-7.5-10B	P4103-13	BM047577.D	09/19/2024	19:12
WC-14-7.5-10BMS	P4103-13MS	BM047578.D	09/19/2024	19:52
WC-14-7.5-10BMSD	P4103-13MSD	BM047579.D	09/19/2024	20:32