

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG No.: BF100324

Instrument ID: BNA_F Calibration Date/Time: 10/3/2024 1:09:56

Lab File ID: BF139620.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.794	0.797		0.378	
Pyridine	1.213	1.235		1.814	
2-Fluorophenol	1.154	1.141		-1.127	
Benzaldehyde	0.822	0.737		-10.341	
Aniline	1.377	1.365		-0.871	
Phenol-d6	1.552	1.539		-0.838	
Phenol	1.632	1.636		0.245	20.0
bis(2-Chloroethyl) ether	1.329	1.218		-8.352	
2-Chlorophenol	1.236	1.228		-0.647	
1,2-Dichlorobenzene	1.320	1.295		-1.894	
1,3-Dichlorobenzene	1.391	1.359		-2.301	
1,4-Dichlorobenzene	1.409	1.377		-2.271	20.0
Benzyl Alcohol	1.186	1.191		0.422	
2-Methylphenol	1.032	1.028		-0.388	
2,2-oxybis(1-Chloropropane)	2.300	2.206		-4.087	
Acetophenone	0.475	0.452		-4.842	
3+4-Methylphenols	1.296	1.289		-0.54	
n-Nitroso-di-n-propylamine	0.998	0.960	0.050	-3.808	
Nitrobenzene-d5	0.395	0.381		-3.544	
Hexachloroethane	0.525	0.508		-3.238	
Nitrobenzene	0.409	0.396		-3.178	
Isophorone	0.702	0.665		-5.271	
2-Nitrophenol	0.176	0.177		0.568	20.0
2,4-Dimethylphenol	0.215	0.211		-1.86	
bis(2-Chloroethoxy) methane	0.419	0.399		-4.773	
2,4-Dichlorophenol	0.281	0.274		-2.491	20.0
1,2,4-Trichlorobenzene	0.318	0.304		-4.403	
Benzoic acid	0.214	0.229		7.009	
Naphthalene	1.023	0.980		-4.203	
4-Chloroaniline	0.346	0.334		-3.468	
Hexachlorobutadiene	0.205	0.197		-3.902	20.0
Caprolactam	0.092	0.094		2.174	
4-Chloro-3-methylphenol	0.318	0.310		-2.516	20.0
2-Methylnaphthalene	0.666	0.643		-3.453	
Hexachlorocyclopentadiene	0.170	0.159	0.050	-6.471	
2,4,6-Trichlorophenol	0.374	0.356		-4.813	20.0
2-Fluorobiphenyl	1.303	1.213		-6.907	
2,4,5-Trichlorophenol	0.404	0.390		-3.465	
1,1-Biphenyl	1.488	1.395		-6.25	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.115	1.072		-3.857	
2-Nitroaniline	0.400	0.398		-0.5	
Dimethylphthalate	1.309	1.269		-3.056	
Acenaphthylene	1.696	1.622		-4.363	
2,6-Dinitrotoluene	0.296	0.292		-1.351	
3-Nitroaniline	0.302	0.300		-0.662	
Acenaphthene	1.164	1.102		-5.326	20.0
2,4-Dinitrophenol	0.159	0.166	0.050	4.403	
4-Nitrophenol	0.230	0.232	0.050	0.87	
Dibenzofuran	1.630	1.543		-5.337	
2,4-Dinitrotoluene	0.387	0.387		0.0	
Diethylphthalate	1.352	1.297		-4.068	
4-Chlorophenyl-phenylether	0.650	0.614		-5.538	
Fluorene	1.298	1.236		-4.777	
4-Nitroaniline	0.309	0.308		-0.324	
4,6-Dinitro-2-methylphenol	0.113	0.117		3.54	
n-Nitrosodiphenylamine	0.590	0.557		-5.593	20.0
Azobenzene	1.360	1.298		-4.559	
2,4,6-Tribromophenol	0.193	0.185		-4.145	
4-Bromophenyl-phenylether	0.205	0.196		-4.39	
Hexachlorobenzene	0.228	0.216		-5.263	
Atrazine	0.158	0.125		-20.886	
Pentachlorophenol	0.135	0.132		-2.222	20.0
Phenanthrene	0.943	0.901		-4.454	
Anthracene	0.933	0.886		-5.038	
Carbazole	0.896	0.859		-4.129	
Di-n-butylphthalate	1.090	1.071		-1.743	
Fluoranthene	1.031	0.982		-4.753	20.0
Benzidine	0.353	0.348		-1.416	
Pyrene	1.789	1.775		-0.783	
Terphenyl-d14	1.219	1.200		-1.559	
Butylbenzylphthalate	0.640	0.672		5.0	
3,3-Dichlorobenzidine	0.402	0.375		-6.716	
Benzo(a)anthracene	1.315	1.297		-1.369	
Chrysene	1.202	1.114		-7.321	
Bis(2-ethylhexyl)phthalate	0.799	0.874		9.387	
Di-n-octyl phthalate	1.174	1.226		4.429	20.0
Benzo(b)fluoranthene	1.293	1.177		-8.971	
Benzo(k)fluoranthene	1.097	1.119		2.005	

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Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG No.: BF100324

Instrument ID: BNA_F Calibration Date/Time: 10/3/2024 1:09:56

Lab File ID: BF139620.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.020	0.994		-2.549	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.173		-0.34	
Dibenzo(a,h)anthracene	0.976	0.983		0.717	
Benzo(g,h,i)perylene	0.979	0.992		1.328	
1,2,4,5-Tetrachlorobenzene	0.555	0.521		-6.126	
1,4-Dioxane	0.499	0.493		-1.202	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.315		-3.374	
1-Methylnaphthalene	0.651	0.624		-4.147	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG No.: BF100324
Instrument ID: BNA_F Calibration Date/Time: 10/3/2024 1: 20:46
Lab File ID: BF139642.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.794	0.791		-0.378	50.0
Pyridine	1.213	1.276		5.194	50.0
2-Fluorophenol	1.154	1.141		-1.127	50.0
Benzaldehyde	0.822	0.904		9.976	50.0
Aniline	1.377	1.352		-1.816	50.0
Phenol-d6	1.552	1.508		-2.835	50.0
Phenol	1.632	1.597		-2.145	50.0
bis(2-Chloroethyl) ether	1.329	1.192		-10.309	50.0
2-Chlorophenol	1.236	1.206		-2.427	50.0
1,2-Dichlorobenzene	1.320	1.276		-3.333	50.0
1,3-Dichlorobenzene	1.391	1.353		-2.732	50.0
1,4-Dichlorobenzene	1.409	1.369		-2.839	50.0
Benzyl Alcohol	1.186	1.129		-4.806	50.0
2-Methylphenol	1.032	0.999		-3.198	50.0
2,2-oxybis(1-Chloropropane)	2.300	2.167		-5.783	50.0
Acetophenone	0.475	0.458		-3.579	50.0
3+4-Methylphenols	1.296	1.230		-5.093	50.0
n-Nitroso-di-n-propylamine	0.998	0.918	0.050	-8.016	50.0
Nitrobenzene-d5	0.395	0.385		-2.532	50.0
Hexachloroethane	0.525	0.504		-4.0	50.0
Nitrobenzene	0.409	0.403		-1.467	50.0
Isophorone	0.702	0.666		-5.128	50.0
2-Nitrophenol	0.176	0.177		0.568	50.0
2,4-Dimethylphenol	0.215	0.209		-2.791	50.0
bis(2-Chloroethoxy) methane	0.419	0.400		-4.535	50.0
2,4-Dichlorophenol	0.281	0.274		-2.491	50.0
1,2,4-Trichlorobenzene	0.318	0.308		-3.145	50.0
Benzoic acid	0.214	0.215		0.467	50.0
Naphthalene	1.023	0.999		-2.346	50.0
4-Chloroaniline	0.346	0.330		-4.624	50.0
Hexachlorobutadiene	0.205	0.198		-3.415	50.0
Caprolactam	0.092	0.089		-3.261	50.0
4-Chloro-3-methylphenol	0.318	0.299		-5.975	50.0
2-Methylnaphthalene	0.666	0.636		-4.505	50.0
Hexachlorocyclopentadiene	0.170	0.153	0.050	-10.0	50.0
2,4,6-Trichlorophenol	0.374	0.373		-0.267	50.0
2-Fluorobiphenyl	1.303	1.248		-4.221	50.0
2,4,5-Trichlorophenol	0.404	0.384		-4.95	50.0
1,1-Biphenyl	1.488	1.429		-3.965	50.0

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.115	1.093		-1.973	50.0
2-Nitroaniline	0.400	0.406		1.5	50.0
Dimethylphthalate	1.309	1.263		-3.514	50.0
Acenaphthylene	1.696	1.639		-3.361	50.0
2,6-Dinitrotoluene	0.296	0.289		-2.365	50.0
3-Nitroaniline	0.302	0.296		-1.987	50.0
Acenaphthene	1.164	1.128		-3.093	50.0
2,4-Dinitrophenol	0.159	0.152	0.050	-4.403	50.0
4-Nitrophenol	0.230	0.216	0.050	-6.087	50.0
Dibenzofuran	1.630	1.561		-4.233	50.0
2,4-Dinitrotoluene	0.387	0.389		0.517	50.0
Diethylphthalate	1.352	1.285		-4.956	50.0
4-Chlorophenyl-phenylether	0.650	0.609		-6.308	50.0
Fluorene	1.298	1.228		-5.393	50.0
4-Nitroaniline	0.309	0.302		-2.265	50.0
4,6-Dinitro-2-methylphenol	0.113	0.114		0.885	50.0
n-Nitrosodiphenylamine	0.590	0.572		-3.051	50.0
Azobenzene	1.360	1.282		-5.735	50.0
2,4,6-Tribromophenol	0.193	0.184		-4.663	50.0
4-Bromophenyl-phenylether	0.205	0.199		-2.927	50.0
Hexachlorobenzene	0.228	0.220		-3.509	50.0
Atrazine	0.158	0.117		-25.949	50.0
Pentachlorophenol	0.135	0.130		-3.704	50.0
Phenanthrene	0.943	0.910		-3.499	50.0
Anthracene	0.933	0.894		-4.18	50.0
Carbazole	0.896	0.856		-4.464	50.0
Di-n-butylphthalate	1.090	1.066		-2.202	50.0
Fluoranthene	1.031	0.934		-9.408	50.0
Benzidine	0.353	0.513		45.326	50.0
Pyrene	1.789	1.687		-5.702	50.0
Terphenyl-d14	1.219	1.149		-5.742	50.0
Butylbenzylphthalate	0.640	0.658		2.813	50.0
3,3-Dichlorobenzidine	0.402	0.446		10.945	50.0
Benzo(a)anthracene	1.315	1.289		-1.977	50.0
Chrysene	1.202	1.124		-6.489	50.0
Bis(2-ethylhexyl)phthalate	0.799	0.871		9.011	50.0
Di-n-octyl phthalate	1.174	1.365		16.269	50.0
Benzo(b)fluoranthene	1.293	1.249		-3.403	50.0
Benzo(k)fluoranthene	1.097	0.950		-13.4	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.020	0.997		-2.255	50.0
Indeno(1,2,3-cd)pyrene	1.177	1.231		4.588	50.0
Dibenzo(a,h)anthracene	0.976	1.019		4.406	50.0
Benzo(g,h,i)perylene	0.979	0.998		1.941	50.0
1,2,4,5-Tetrachlorobenzene	0.555	0.544		-1.982	50.0
1,4-Dioxane	0.499	0.505		1.202	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.309		-5.215	50.0
1-Methylnaphthalene	0.651	0.606		-6.912	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BL	SDG No.:	BF100324
Lab Sample ID:	PB163732BL	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
BF139621.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BL	SDG No.:	BF100324
Lab Sample ID:	PB163732BL	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
BF139621.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BL	SDG No.:	BF100324
Lab Sample ID:	PB163732BL	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
BF139621.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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	133.561		10-139		89	SPK: -150
13127-88-3	Phenol-d6	129.908		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	87.377		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	84.54		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BL	SDG No.:	BF100324
Lab Sample ID:	PB163732BL	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
BF139621.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.366		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	80.434		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99503	6.869				
1146-65-2	Naphthalene-d8	385904	8.145				
15067-26-2	Acenaphthene-d10	224944	9.904				
1517-22-2	Phenanthrene-d10	459226	11.386				
1719-03-5	Chrysene-d12	341308	14.027				
1520-96-3	Perylene-d12	274094	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8.2	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.1	A			5.11	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	3.8	J			17.062	



Client:				Date Collected:	10/1/2024 12:00:00 AM	
Project:				Date Received:	10/1/2024 12:00:00 AM	
Client Sample ID:	PB163811BS			SDG No.:	BF100324	
Lab Sample ID:	PB163811BS			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
BF139622.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1500		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	920		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	850		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100324
Lab Sample ID:	PB163811BS	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
BF139622.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		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	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25400		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		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)	3100		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	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100324
Lab Sample ID:	PB163811BS	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
BF139622.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

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	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	2500		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		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	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.733		18-112		93	SPK: -150
13127-88-3	Phenol-d6	138.455		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	92.39		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	88.544		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100324
Lab Sample ID:	PB163811BS	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
BF139622.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.728		10-116		94	SPK: -150
1718-51-0	Terphenyl-d14	100.749		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96222	6.869				
1146-65-2	Naphthalene-d8	375547	8.151				
15067-26-2	Acenaphthene-d10	222937	9.904				
1517-22-2	Phenanthrene-d10	435381	11.392				
1719-03-5	Chrysene-d12	246712	14.033				
1520-96-3	Perylene-d12	200731	15.504				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BS	SDG No.:	BF100324
Lab Sample ID:	PB163732BS	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
BF139623.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.4		1	8	10	ug/L
110-86-1	Pyridine	48.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.8		4	8	10	ug/L
62-53-3	Aniline	53.8		1.6	4	5	ug/L
108-95-2	Phenol	52.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	54		1.6	8	10	ug/L
95-48-7	2-Methylphenol	52.3		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.1		1.4	4	5	ug/L
98-86-2	Acetophenone	49		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	52.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.9		1	4	5	ug/L
98-95-3	Nitrobenzene	48		1.3	4	5	ug/L
78-59-1	Isophorone	50.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	52		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	63.2		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	52		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46		1.1	4	5	ug/L
65-85-0	Benzoic acid	52.3		5.5	8	10	ug/L
91-20-3	Naphthalene	48.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	30.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BS	SDG No.:	BF100324
Lab Sample ID:	PB163732BS	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
BF139623.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	54.3		0.81	4	5	ug/L
Total PAH	Total PAH	815.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	4	5	ug/L
86-73-7	Fluorene	48.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.4		0.89	4	5	ug/L
103-33-3	Azobenzene	50		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.3		1.1	4	5	ug/L
1912-24-9	Atrazine	61.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BS	SDG No.:	BF100324
Lab Sample ID:	PB163732BS	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
BF139623.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50		0.89	4	5	ug/L
120-12-7	Anthracene	51.6		1.1	4	5	ug/L
86-74-8	Carbazole	49		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.4		1.3	4	5	ug/L
92-87-5	Benzidine	79.6		4.1	8	10	ug/L
129-00-0	Pyrene	51.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	41.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.1		0.94	4	5	ug/L
218-01-9	Chrysene	51		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	57.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.065		10-139		94	SPK: -150
13127-88-3	Phenol-d6	141.082		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	92.983		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.111		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BS	SDG No.:	BF100324
Lab Sample ID:	PB163732BS	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
BF139623.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.234		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	101.237		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100352	6.869				
1146-65-2	Naphthalene-d8	394145	8.151				
15067-26-2	Acenaphthene-d10	234306	9.91				
1517-22-2	Phenanthrene-d10	443538	11.392				
1719-03-5	Chrysene-d12	243056	14.033				
1520-96-3	Perylene-d12	214719	15.498				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BSD	SDG No.:	BF100324
Lab Sample ID:	PB163732BSD	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
BF139624.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	49.6		1	8	10	ug/L
110-86-1	Pyridine	47.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.9		4	8	10	ug/L
62-53-3	Aniline	54.8		1.6	4	5	ug/L
108-95-2	Phenol	51.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.2		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	47.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	53.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	51.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50		1.4	4	5	ug/L
98-86-2	Acetophenone	46.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	51.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.4		1	4	5	ug/L
98-95-3	Nitrobenzene	46.1		1.3	4	5	ug/L
78-59-1	Isophorone	48.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	60.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.7		5.5	8	10	ug/L
91-20-3	Naphthalene	46.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	32.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BSD	SDG No.:	BF100324
Lab Sample ID:	PB163732BSD	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
BF139624.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.8		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	46.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	38.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	53.5		0.81	4	5	ug/L
Total PAH	Total PAH	801.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	50.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.2		2.7	4	10	ug/L
84-66-2	Diethylphthalate	49.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	4	5	ug/L
86-73-7	Fluorene	47.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.7		0.89	4	5	ug/L
103-33-3	Azobenzene	49.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47		1.1	4	5	ug/L
1912-24-9	Atrazine	60.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BSD	SDG No.:	BF100324
Lab Sample ID:	PB163732BSD	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
BF139624.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.6	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48.9		0.89	4	5	ug/L
120-12-7	Anthracene	50.3		1.1	4	5	ug/L
86-74-8	Carbazole	48.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.8		1.3	4	5	ug/L
92-87-5	Benzidine	95.1	E	4.1	8	10	ug/L
129-00-0	Pyrene	50.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	41.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.5		0.94	4	5	ug/L
218-01-9	Chrysene	49		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	56.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.013		10-139		95	SPK: -150
13127-88-3	Phenol-d6	142.269		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	91.35		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.297		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163732BSD	SDG No.:	BF100324
Lab Sample ID:	PB163732BSD	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
BF139624.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.804		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	101.248		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99580	6.869				
1146-65-2	Naphthalene-d8	399223	8.151				
15067-26-2	Acenaphthene-d10	232018	9.91				
1517-22-2	Phenanthrene-d10	445543	11.392				
1719-03-5	Chrysene-d12	242887	14.033				
1520-96-3	Perylene-d12	211967	15.504				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BL	SDG No.:	BF100324
Lab Sample ID:	PB163843BL	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
BF139625.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BL	SDG No.:	BF100324
Lab Sample ID:	PB163843BL	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
BF139625.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BL	SDG No.:	BF100324
Lab Sample ID:	PB163843BL	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
BF139625.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

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	136.738		10-139		91	SPK: -150
13127-88-3	Phenol-d6	132		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	88.468		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	84.856		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BL	SDG No.:	BF100324
Lab Sample ID:	PB163843BL	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
BF139625.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.526		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	82.201		48-125		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101089	6.869				
1146-65-2	Naphthalene-d8	392823	8.145				
15067-26-2	Acenaphthene-d10	228527	9.904				
1517-22-2	Phenanthrene-d10	475210	11.386				
1719-03-5	Chrysene-d12	337546	14.027				
1520-96-3	Perylene-d12	266458	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	6.8	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.2	A			5.11	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BS	SDG No.:	BF100324
Lab Sample ID:	PB163843BS	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
BF139626.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.2		1	8	10	ug/L
110-86-1	Pyridine	40.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	24.6		4	8	10	ug/L
62-53-3	Aniline	44.4		1.6	4	5	ug/L
108-95-2	Phenol	44.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	44.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.4		1.4	4	5	ug/L
98-86-2	Acetophenone	41		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	40		1	4	5	ug/L
98-95-3	Nitrobenzene	39.8		1.3	4	5	ug/L
78-59-1	Isophorone	42.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	43.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	38.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.5		5.5	8	10	ug/L
91-20-3	Naphthalene	40.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BS	SDG No.:	BF100324
Lab Sample ID:	PB163843BS	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
BF139626.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	41.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	39.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	43.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	40.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	27.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.8		0.81	4	5	ug/L
Total PAH	Total PAH	687.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	88.9	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	43.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84		2.7	4	10	ug/L
84-66-2	Diethylphthalate	42.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.3		0.98	4	5	ug/L
86-73-7	Fluorene	40.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	41.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.4		0.89	4	5	ug/L
103-33-3	Azobenzene	42.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	40.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.8		1.1	4	5	ug/L
1912-24-9	Atrazine	52.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BS	SDG No.:	BF100324
Lab Sample ID:	PB163843BS	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
BF139626.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.9		1.9	8	10	ug/L
85-01-8	Phenanthrene	42.5		0.89	4	5	ug/L
120-12-7	Anthracene	43.5		1.1	4	5	ug/L
86-74-8	Carbazole	41.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	41.1		1.3	4	5	ug/L
92-87-5	Benzidine	77.6		4.1	8	10	ug/L
129-00-0	Pyrene	43.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	46.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.94	4	5	ug/L
218-01-9	Chrysene	41.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	38.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	45.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	40.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.71		10-139		84	SPK: -150
13127-88-3	Phenol-d6	126.996		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	83.578		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	80.282		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BS	SDG No.:	BF100324
Lab Sample ID:	PB163843BS	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
BF139626.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.808		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	90.663		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112426	6.869				
1146-65-2	Naphthalene-d8	438819	8.151				
15067-26-2	Acenaphthene-d10	257586	9.91				
1517-22-2	Phenanthrene-d10	489896	11.392				
1719-03-5	Chrysene-d12	270474	14.033				
1520-96-3	Perylene-d12	247526	15.504				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BSD	SDG No.:	BF100324
Lab Sample ID:	PB163843BSD	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
BF139627.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	48		1	8	10	ug/L
110-86-1	Pyridine	45.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.7		4	8	10	ug/L
62-53-3	Aniline	50.7		1.6	4	5	ug/L
108-95-2	Phenol	50.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.5		1.4	4	5	ug/L
98-86-2	Acetophenone	46.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.1		1	4	5	ug/L
98-95-3	Nitrobenzene	45.3		1.3	4	5	ug/L
78-59-1	Isophorone	47.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	60		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.3		5.5	8	10	ug/L
91-20-3	Naphthalene	45.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BSD	SDG No.:	BF100324
Lab Sample ID:	PB163843BSD	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
BF139627.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	52.5		0.81	4	5	ug/L
Total PAH	Total PAH	784.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49		1.5	4	5	ug/L
84-66-2	Diethylphthalate	48.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.98	4	5	ug/L
86-73-7	Fluorene	47.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.7		0.89	4	5	ug/L
103-33-3	Azobenzene	48.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45		1.1	4	5	ug/L
1912-24-9	Atrazine	58.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BSD	SDG No.:	BF100324
Lab Sample ID:	PB163843BSD	Matrix:	Water
Analytical Method:	8270E	% 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
BF139627.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.5		0.89	4	5	ug/L
120-12-7	Anthracene	49.6		1.1	4	5	ug/L
86-74-8	Carbazole	46.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.2		1.3	4	5	ug/L
92-87-5	Benzidine	75.4		4.1	8	10	ug/L
129-00-0	Pyrene	49.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.2		0.94	4	5	ug/L
218-01-9	Chrysene	49.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	54.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	44.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.632		10-139		91	SPK: -150
13127-88-3	Phenol-d6	137.664		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	89.746		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.266		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163843BSD	SDG No.:	BF100324
Lab Sample ID:	PB163843BSD	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
BF139627.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.711		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	100.004		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97350	6.869				
1146-65-2	Naphthalene-d8	387528	8.151				
15067-26-2	Acenaphthene-d10	227394	9.91				
1517-22-2	Phenanthrene-d10	435491	11.392				
1719-03-5	Chrysene-d12	234590	14.033				
1520-96-3	Perylene-d12	205443	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BL	SDG No.:	BF100324
Lab Sample ID:	PB163825BL	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
BF139628.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BL	SDG No.:	BF100324
Lab Sample ID:	PB163825BL	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
BF139628.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BL	SDG No.:	BF100324
Lab Sample ID:	PB163825BL	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
BF139628.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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	138.75		10-139		93	SPK: -150
13127-88-3	Phenol-d6	137.252		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	90.939		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.353		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BL	SDG No.:	BF100324
Lab Sample ID:	PB163825BL	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
BF139628.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.77		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	92.197		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95700	6.869				
1146-65-2	Naphthalene-d8	371325	8.145				
15067-26-2	Acenaphthene-d10	213362	9.904				
1517-22-2	Phenanthrene-d10	449339	11.386				
1719-03-5	Chrysene-d12	290242	14.027				
1520-96-3	Perylene-d12	229314	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.2	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.3	A			5.104	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BS	SDG No.:	BF100324
Lab Sample ID:	PB163825BS	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
BF139629.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.8		1	8	10	ug/L
110-86-1	Pyridine	47.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.4		4	8	10	ug/L
62-53-3	Aniline	52.1		1.6	4	5	ug/L
108-95-2	Phenol	51.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	52.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	52.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.3		1.4	4	5	ug/L
98-86-2	Acetophenone	48		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	52.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.5		1	4	5	ug/L
98-95-3	Nitrobenzene	47.1		1.3	4	5	ug/L
78-59-1	Isophorone	50		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.1		5.5	8	10	ug/L
91-20-3	Naphthalene	47.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BS	SDG No.:	BF100324
Lab Sample ID:	PB163825BS	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
BF139629.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35		1.4	4	5	ug/L
83-32-9	Acenaphthene	56.1		0.81	4	5	ug/L
Total PAH	Total PAH	825.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	50		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.5		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	51.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49		0.98	4	5	ug/L
86-73-7	Fluorene	49.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.9		0.89	4	5	ug/L
103-33-3	Azobenzene	51.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.4		1.1	4	5	ug/L
1912-24-9	Atrazine	61.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BS	SDG No.:	BF100324
Lab Sample ID:	PB163825BS	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
BF139629.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.9		0.89	4	5	ug/L
120-12-7	Anthracene	52.4		1.1	4	5	ug/L
86-74-8	Carbazole	49.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	49.1		1.3	4	5	ug/L
92-87-5	Benzidine	81.3	E	4.1	8	10	ug/L
129-00-0	Pyrene	51.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.7		0.94	4	5	ug/L
218-01-9	Chrysene	51.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	57		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.404		10-139		95	SPK: -150
13127-88-3	Phenol-d6	142.965		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	93.485		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	92.788		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163825BS	SDG No.:	BF100324
Lab Sample ID:	PB163825BS	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
BF139629.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.479		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	104.349		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98407	6.869				
1146-65-2	Naphthalene-d8	389053	8.151				
15067-26-2	Acenaphthene-d10	223003	9.904				
1517-22-2	Phenanthrene-d10	427231	11.392				
1719-03-5	Chrysene-d12	234220	14.033				
1520-96-3	Perylene-d12	204939	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163805TB	SDG No.:	BF100324
Lab Sample ID:	PB163805TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139630.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163805TB	SDG No.:	BF100324
Lab Sample ID:	PB163805TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139630.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163805TB	SDG No.:	BF100324
Lab Sample ID:	PB163805TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139630.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	151.374		10-139		101	SPK: -150
13127-88-3	Phenol-d6	146.727		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	99.853		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	96.573		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163805TB	SDG No.:	BF100324
Lab Sample ID:	PB163805TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139630.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.815		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	100.053		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99763	6.869				
1146-65-2	Naphthalene-d8	384233	8.145				
15067-26-2	Acenaphthene-d10	226338	9.898				
1517-22-2	Phenanthrene-d10	453669	11.386				
1719-03-5	Chrysene-d12	290975	14.027				
1520-96-3	Perylene-d12	226497	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163746TB	SDG No.:	BF100324
Lab Sample ID:	PB163746TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139631.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163746TB	SDG No.:	BF100324
Lab Sample ID:	PB163746TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139631.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163746TB	SDG No.:	BF100324
Lab Sample ID:	PB163746TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139631.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150.8		10-139		101	SPK: -150
13127-88-3	Phenol-d6	146.738		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	99.478		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	96.324		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163746TB	SDG No.:	BF100324
Lab Sample ID:	PB163746TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139631.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.836		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	98.694		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100085	6.863				
1146-65-2	Naphthalene-d8	382102	8.145				
15067-26-2	Acenaphthene-d10	221911	9.898				
1517-22-2	Phenanthrene-d10	450235	11.386				
1719-03-5	Chrysene-d12	296016	14.027				
1520-96-3	Perylene-d12	226702	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A1403	SDG No.:	BF100324
Lab Sample ID:	P4235-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139632.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A1403	SDG No.:	BF100324
Lab Sample ID:	P4235-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139632.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A1403	SDG No.:	BF100324
Lab Sample ID:	P4235-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139632.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.446		10-139		52	SPK: -150
13127-88-3	Phenol-d6	46.827		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	102.487		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.913		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A1403	SDG No.:	BF100324
Lab Sample ID:	P4235-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139632.D	1	10/2/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.127		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	93.777		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82321	6.863				
1146-65-2	Naphthalene-d8	306449	8.145				
15067-26-2	Acenaphthene-d10	169039	9.898				
1517-22-2	Phenanthrene-d10	302175	11.386				
1719-03-5	Chrysene-d12	188679	14.027				
1520-96-3	Perylene-d12	193223	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	350	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.1	A			5.069	
000111-76-2	Ethanol, 2-butoxy-	82.3	J			5.828	
000121-33-5	Vanillin	8.1	J			9.363	
	unknown10.281	6.3	J			10.281	
077519-84-7	endo-2,3-O-Ethylidene-.beta.-d-ery	7.3	J			11.222	
003055-96-7	Hexaethylene glycol monododecyl et	6.3	J			11.539	
003055-94-5	Triethylene glycol monododecyl eth	17.4	J			12.357	
005617-32-3	Heptaethylene glycol	6	J			12.639	
003055-95-6	Pentaethylene glycol monododecyl e	45.7	J			13.363	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	100	J			13.422	
1000277-42-1	1,2-Benzisothiazol-3(2H)-one, 4-am	8.3	J			13.463	
019327-40-3	n-Octylpentaoxyethylene	11.8	J			13.61	
001740-19-8	Dehydroabietic acid	11.9	J			13.822	
002615-15-8	Hexaethylene glycol	59.8	J			14.257	
001786-94-3	3,6,9,12,15-Pentaoxanonadecan-1-ol	18.1	J			15.392	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	BP-RW5FRACTANKSED-20240925	SDG No.:	BF100324
Lab Sample ID:	P4204-02	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
BF139633.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	BP-RW5FRACTANKSED-20240925	SDG No.:	BF100324
Lab Sample ID:	P4204-02	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
BF139633.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	BP-RW5FRACTANKSED-20240925	SDG No.:	BF100324
Lab Sample ID:	P4204-02	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
BF139633.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

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	56.242		10-139		37	SPK: -150
13127-88-3	Phenol-d6	35.304		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	85.487		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.614		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	BP-RW5FRACTANKSED-20240925	SDG No.:	BF100324
Lab Sample ID:	P4204-02	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
BF139633.D	1	9/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.715		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	89.289		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85754	6.863				
1146-65-2	Naphthalene-d8	323117	8.145				
15067-26-2	Acenaphthene-d10	181092	9.898				
1517-22-2	Phenanthrene-d10	339348	11.386				
1719-03-5	Chrysene-d12	212477	14.027				
1520-96-3	Perylene-d12	203702	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	270	J			2.146	
000057-11-4	Octadecanoic acid	2	J			12.692	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MS	SDG No.:	BF100324
Lab Sample ID:	P4214-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139634.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510		10.3	80	100	ug/L
110-86-1	Pyridine	430		15.5	40	50	ug/L
100-52-7	Benzaldehyde	60.2	J	40	80	100	ug/L
62-53-3	Aniline	380		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	520		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	480		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	510		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	490		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	500		10.1	40	50	ug/L
98-95-3	Nitrobenzene	510		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	630		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	540		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MS	SDG No.:	BF100324
Lab Sample ID:	P4214-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139634.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	510		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	500		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1900	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	520		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	330		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	8710		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	980	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	490		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	510		11.4	40	50	ug/L
1912-24-9	Atrazine	630		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MS	SDG No.:	BF100324
Lab Sample ID:	P4214-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139634.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	520		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	340		40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	420		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	540		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	620		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	490		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	620		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	610		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	580		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	500		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	470		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.438		10-139		88	SPK: -150
13127-88-3	Phenol-d6	120.96		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	99.219		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	94.2		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MS	SDG No.:	BF100324
Lab Sample ID:	P4214-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139634.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.854		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	106.58		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100442	6.869				
1146-65-2	Naphthalene-d8	374894	8.151				
15067-26-2	Acenaphthene-d10	210127	9.904				
1517-22-2	Phenanthrene-d10	386587	11.392				
1719-03-5	Chrysene-d12	207998	14.033				
1520-96-3	Perylene-d12	211804	15.498				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MSD	SDG No.:	BF100324
Lab Sample ID:	P4214-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139635.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530		10.3	80	100	ug/L
110-86-1	Pyridine	440		15.5	40	50	ug/L
100-52-7	Benzaldehyde	60.5	J	40	80	100	ug/L
62-53-3	Aniline	390		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	500		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	530		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	510		14.8	25	25	ug/L
67-72-1	Hexachloroethane	510		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	630		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	540		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	480		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MSD	SDG No.:	BF100324
Lab Sample ID:	P4214-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139635.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	520		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1900	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	340		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	8790		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	540		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	500		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	500		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	590		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	540		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		11.4	40	50	ug/L
1912-24-9	Atrazine	630		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MSD	SDG No.:	BF100324
Lab Sample ID:	P4214-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139635.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	520		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	350		40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	540		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	620		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	520		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	620		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	620		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	580		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	500		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	480		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.599		10-139		90	SPK: -150
13127-88-3	Phenol-d6	124.476		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	98.818		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	95.17		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1MSD	SDG No.:	BF100324
Lab Sample ID:	P4214-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139635.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.537		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	105.944		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98769	6.869				
1146-65-2	Naphthalene-d8	380650	8.151				
15067-26-2	Acenaphthene-d10	212684	9.904				
1517-22-2	Phenanthrene-d10	394361	11.392				
1719-03-5	Chrysene-d12	214591	14.033				
1520-96-3	Perylene-d12	213119	15.498				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF100324
Lab Sample ID:	P4190-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139636.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470		10.3	80	100	ug/L
110-86-1	Pyridine	380		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	310		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	490		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	470		13.5	40	50	ug/L
98-86-2	Acetophenone	470		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	450		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	490		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	580		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	450		54.7	80	100	ug/L
91-20-3	Naphthalene	460		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	130		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF100324
Lab Sample ID:	P4190-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139636.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	500		9.3	40	50	ug/L
208-96-8	Acenaphthylene	510		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	8120		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	910	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		27.6	40	100	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	520		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	480		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	470		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	460		11.4	40	50	ug/L
1912-24-9	Atrazine	510		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF100324
Lab Sample ID:	P4190-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139636.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	480		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	270		40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	540		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	360		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	490		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	580		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	580		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	540		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	470		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	420		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.198		10-139		87	SPK: -150
13127-88-3	Phenol-d6	121.472		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	93.782		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.16		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF100324
Lab Sample ID:	P4190-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139636.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.77		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	101.929		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89373	6.869				
1146-65-2	Naphthalene-d8	340334	8.145				
15067-26-2	Acenaphthene-d10	189635	9.904				
1517-22-2	Phenanthrene-d10	355376	11.392				
1719-03-5	Chrysene-d12	189160	14.027				
1520-96-3	Perylene-d12	185966	15.498				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF100324
Lab Sample ID:	P4190-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139637.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	400		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	330		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	470		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	460		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	530		16	80	100	ug/L
95-48-7	2-Methylphenol	500		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	490		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	480		12.7	40	50	ug/L
78-59-1	Isophorone	500		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	510		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	620		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	480		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	130		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF100324
Lab Sample ID:	P4190-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139637.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	490		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	290		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	8600		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	540		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	490		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	560		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	500		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		11.4	40	50	ug/L
1912-24-9	Atrazine	530		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF100324
Lab Sample ID:	P4190-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BF139637.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	530		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		14.7	40	50	ug/L
206-44-0	Fluoranthene	490		12.9	40	50	ug/L
92-87-5	Benzidine	260		40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	530		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	600		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	610		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	610		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	560		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	500		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	470		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.742		10-139		90	SPK: -150
13127-88-3	Phenol-d6	127.059		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	99.37		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	98.668		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF100324
Lab Sample ID:	P4190-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139637.D	1	8/27/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.07		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	107.99		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93708	6.869				
1146-65-2	Naphthalene-d8	355995	8.145				
15067-26-2	Acenaphthene-d10	194836	9.904				
1517-22-2	Phenanthrene-d10	369937	11.392				
1719-03-5	Chrysene-d12	193991	14.033				
1520-96-3	Perylene-d12	186996	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100324
Lab Sample ID:	P4236-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139638.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59	U	59	180	220	ug/Kg
110-86-1	Pyridine	54.3	U	54.3	88.4	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.9	U	65.9	88.4	120	ug/Kg
108-95-2	Phenol	56.4	U	56.4	88.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.9	U	56.9	88.4	120	ug/Kg
95-57-8	2-Chlorophenol	56.8	U	56.8	88.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.5	U	57.5	88.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.5	U	58.5	88.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	88.4	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.8	U	54.8	88.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.8	U	61.8	88.4	120	ug/Kg
98-86-2	Acetophenone	59.1	U	59.1	88.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	U	54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.4	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.4	120	ug/Kg
78-59-1	Isophorone	57.5	U	57.5	88.4	120	ug/Kg
88-75-5	2-Nitrophenol	64.3	U	64.3	88.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.4	U	63.4	88.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.1	U	58.1	88.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.2	U	56.2	88.4	120	ug/Kg
106-47-8	4-Chloroaniline	56.2	U	56.2	88.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100324
Lab Sample ID:	P4236-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139638.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59	U	59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.7	U	52.7	88.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.1	U	56.1	88.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.3	U	50.3	88.4	120	ug/Kg
92-52-4	1,1-Biphenyl	59.4	U	59.4	88.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.4	120	ug/Kg
88-74-4	2-Nitroaniline	64.6	U	64.6	88.4	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.4	120	ug/Kg
208-96-8	Acenaphthylene	58.8	U	58.8	88.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.6	U	56.6	88.4	120	ug/Kg
99-09-2	3-Nitroaniline	60.7	U	60.7	88.4	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.4	120	ug/Kg
Total PAH	Total PAH	901.2	U	901.2	88.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.9	U	78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	57.4	U	57.4	88.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.2	U	115.2	88.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	88.4	120	ug/Kg
84-66-2	Diethylphthalate	54.5	U	54.5	88.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.2	U	58.2	88.4	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.4	120	ug/Kg
100-01-6	4-Nitroaniline	72.8	U	72.8	88.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.6	U	79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.5	U	55.5	88.4	120	ug/Kg
103-33-3	Azobenzene	54.1	U	54.1	88.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.4	120	ug/Kg
118-74-1	Hexachlorobenzene	57.8	U	57.8	88.4	120	ug/Kg
1912-24-9	Atrazine	62.2	U	62.2	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100324
Lab Sample ID:	P4236-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139638.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.6	U	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	57.1	U	57.1	88.4	120	ug/Kg
120-12-7	Anthracene	57.4	U	57.4	88.4	120	ug/Kg
86-74-8	Carbazole	54.6	U	54.6	88.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.3	U	57.3	88.4	120	ug/Kg
206-44-0	Fluoranthene	55.6	U	55.6	88.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.4	U	56.4	88.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.8	U	65.8	88.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.1	U	67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.9	U	54.9	88.4	120	ug/Kg
218-01-9	Chrysene	54.1	U	54.1	88.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.9	U	61.9	88.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.8	U	74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	88.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.2	U	56.2	88.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.2	U	63.2	88.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.1	U	53.1	88.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.2	U	55.2	88.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.5	U	54.5	88.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	88.4	120	ug/Kg
123-91-1	1,4-Dioxane	74.8	U	74.8	88.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.8	U	50.8	88.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.6	U	56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.463		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.978		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	51.337		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	50.258		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100324
Lab Sample ID:	P4236-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139638.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.243		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	45.074		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76416	6.863				
1146-65-2	Naphthalene-d8	291446	8.145				
15067-26-2	Acenaphthene-d10	160467	9.898				
1517-22-2	Phenanthrene-d10	291632	11.386				
1719-03-5	Chrysene-d12	178951	14.021				
1520-96-3	Perylene-d12	184843	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.152	
000142-82-5	Heptane	110	J			2.487	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.075	
000057-10-3	n-Hexadecanoic acid	71.9	J			11.91	
001454-84-8	n-Nonadecanol-1	58	J			13.88	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100324
Lab Sample ID:	P4232-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139639.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.2	U	57.2	180	220	ug/Kg
110-86-1	Pyridine	52.6	U	52.6	85.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.8	U	63.8	85.6	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54.7	U	54.7	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.9	U	59.9	85.6	110	ug/Kg
98-86-2	Acetophenone	57.2	U	57.2	85.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.6	U	52.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.7	U	54.7	85.6	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.6	110	ug/Kg
78-59-1	Isophorone	55.7	U	55.7	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.7	U	49.7	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.3	U	56.3	85.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.4	U	54.4	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.9	U	54.9	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100324
Lab Sample ID:	P4232-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139639.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.2	U	57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.3	U	54.3	85.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	57.6	U	57.6	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.9	U	54.9	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	62.6	U	62.6	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.6	110	ug/Kg
208-96-8	Acenaphthylene	57	U	57	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.8	U	58.8	85.6	110	ug/Kg
83-32-9	Acenaphthene	53.4	U	53.4	85.6	110	ug/Kg
Total PAH	Total PAH	872.9	U	872.9	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.6	U	111.6	85.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.6	110	ug/Kg
84-66-2	Diethylphthalate	52.8	U	52.8	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.6	110	ug/Kg
86-73-7	Fluorene	56.3	U	56.3	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.1	U	77.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.6	110	ug/Kg
103-33-3	Azobenzene	52.4	U	52.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.6	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100324
Lab Sample ID:	P4232-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139639.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	55.3	U	55.3	85.6	110	ug/Kg
120-12-7	Anthracene	55.6	U	55.6	85.6	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	53.8	U	53.8	85.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.7	U	54.7	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.8	U	63.8	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.9	U	64.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.2	U	53.2	85.6	110	ug/Kg
218-01-9	Chrysene	52.4	U	52.4	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.9	U	59.9	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.5	U	72.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.4	U	53.4	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.4	U	54.4	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.3	U	61.3	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.5	U	53.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.8	U	52.8	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.2	U	57.2	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	72.5	U	72.5	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.504		18-112		68	SPK: -150
13127-88-3	Phenol-d6	100.681		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	67.913		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	69.403		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100324
Lab Sample ID:	P4232-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139639.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.726		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	67.469		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81061	6.863				
1146-65-2	Naphthalene-d8	304907	8.145				
15067-26-2	Acenaphthene-d10	166142	9.898				
1517-22-2	Phenanthrene-d10	305133	11.386				
1719-03-5	Chrysene-d12	183794	14.021				
1520-96-3	Perylene-d12	182163	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.081	
000103-65-1	Benzene, propyl-	71.1	J			6.322	
062108-26-3	Decane, 2,6,8-trimethyl-	46.8	J			6.357	
000141-93-5	Benzene, 1,3-diethyl-	58.6	J			7.11	
	unknown7.134	68.3	J			7.134	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	130	J			7.181	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	63	J			7.628	
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	61.7	J			7.822	
002214-14-4	Cyclopropane, 1-methyl-1-phenyl-	90.7	J			7.881	
000119-61-9	Benzophenone	100	J			10.61	
000057-10-3	n-Hexadecanoic acid	150	J			11.91	
015594-90-8	1-Heneicosanol	120	J			13.874	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100324
Lab Sample ID:	P4236-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	50.03	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
BF139640.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.6	U	54.6	170	210	ug/Kg
110-86-1	Pyridine	50.2	U	50.2	81.7	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.9	U	60.9	81.7	110	ug/Kg
108-95-2	Phenol	52.1	U	52.1	81.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.6	U	52.6	81.7	110	ug/Kg
95-57-8	2-Chlorophenol	52.5	U	52.5	81.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.2	U	53.2	81.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.1	U	54.1	81.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.4	U	54.4	81.7	110	ug/Kg
100-51-6	Benzyl Alcohol	52.2	U	52.2	170	210	ug/Kg
95-48-7	2-Methylphenol	50.7	U	50.7	81.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.1	U	57.1	81.7	110	ug/Kg
98-86-2	Acetophenone	54.6	U	54.6	81.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.2	U	50.2	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.3	U	25.3	50.3	50.3	ug/Kg
67-72-1	Hexachloroethane	52.2	U	52.2	81.7	110	ug/Kg
98-95-3	Nitrobenzene	57.1	U	57.1	81.7	110	ug/Kg
78-59-1	Isophorone	53.2	U	53.2	81.7	110	ug/Kg
88-75-5	2-Nitrophenol	59.4	U	59.4	81.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.6	U	58.6	81.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.9	U	53.9	81.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.5	U	47.5	81.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.7	U	53.7	81.7	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.9	U	51.9	81.7	110	ug/Kg
106-47-8	4-Chloroaniline	51.9	U	51.9	81.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.4	U	52.4	81.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100324
Lab Sample ID:	P4236-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	50.03	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
BF139640.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.6	U	54.6	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.7	U	48.7	81.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.9	U	51.9	81.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.1	U	98.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.9	U	44.9	81.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.5	U	46.5	81.7	110	ug/Kg
92-52-4	1,1-Biphenyl	54.9	U	54.9	81.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.4	U	52.4	81.7	110	ug/Kg
88-74-4	2-Nitroaniline	59.7	U	59.7	81.7	110	ug/Kg
131-11-3	Dimethylphthalate	51.4	U	51.4	81.7	110	ug/Kg
208-96-8	Acenaphthylene	54.4	U	54.4	81.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.3	U	52.3	81.7	110	ug/Kg
99-09-2	3-Nitroaniline	56.1	U	56.1	81.7	110	ug/Kg
83-32-9	Acenaphthene	51	U	51	81.7	110	ug/Kg
Total PAH	Total PAH	832.9	U	832.9	81.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.9	U	72.9	170	210	ug/Kg
132-64-9	Dibenzofuran	53	U	53	81.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.5	U	106.5	81.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.2	U	54.2	81.7	110	ug/Kg
84-66-2	Diethylphthalate	50.3	U	50.3	81.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.8	U	53.8	81.7	110	ug/Kg
86-73-7	Fluorene	53.7	U	53.7	81.7	110	ug/Kg
100-01-6	4-Nitroaniline	67.3	U	67.3	81.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.5	U	73.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.3	U	51.3	81.7	110	ug/Kg
103-33-3	Azobenzene	50	U	50	81.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.6	U	49.6	81.7	110	ug/Kg
118-74-1	Hexachlorobenzene	53.4	U	53.4	81.7	110	ug/Kg
1912-24-9	Atrazine	57.4	U	57.4	81.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100324
Lab Sample ID:	P4236-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	50.03	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
BF139640.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.6	U	48.6	170	210	ug/Kg
85-01-8	Phenanthrene	52.8	U	52.8	81.7	110	ug/Kg
120-12-7	Anthracene	53	U	53	81.7	110	ug/Kg
86-74-8	Carbazole	50.5	U	50.5	81.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	81.7	110	ug/Kg
206-44-0	Fluoranthene	51.4	U	51.4	81.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.2	U	52.2	81.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.8	U	60.8	81.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.7	U	50.7	81.7	110	ug/Kg
218-01-9	Chrysene	50	U	50	81.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.2	U	57.2	81.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.1	U	69.1	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	81.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.9	U	51.9	81.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.5	U	58.5	81.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.1	U	49.1	81.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	81.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.3	U	50.3	81.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.6	U	54.6	81.7	110	ug/Kg
123-91-1	1,4-Dioxane	69.1	U	69.1	81.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	81.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.3	U	52.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.593		18-112		66	SPK: -150
13127-88-3	Phenol-d6	96.64		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	64.174		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	66.98		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100324
Lab Sample ID:	P4236-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	50.03	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
BF139640.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.506		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	65.497		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78117	6.863				
1146-65-2	Naphthalene-d8	300851	8.145				
15067-26-2	Acenaphthene-d10	162259	9.898				
1517-22-2	Phenanthrene-d10	298705	11.386				
1719-03-5	Chrysene-d12	174564	14.021				
1520-96-3	Perylene-d12	181624	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.081	
000057-10-3	n-Hexadecanoic acid	130	J			11.91	
015594-90-8	1-Heneicosanol	92.4	J			13.88	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100324
Lab Sample ID:	P4236-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139641.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.1	U	55.1	170	210	ug/Kg
110-86-1	Pyridine	50.7	U	50.7	82.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.5	U	61.5	82.5	110	ug/Kg
108-95-2	Phenol	52.6	U	52.6	82.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.1	U	53.1	82.5	110	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	82.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.7	U	53.7	82.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.6	U	54.6	82.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	82.5	110	ug/Kg
100-51-6	Benzyl Alcohol	52.7	U	52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	51.1	U	51.1	82.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.7	U	57.7	82.5	110	ug/Kg
98-86-2	Acetophenone	55.1	U	55.1	82.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.6	U	50.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	52.7	U	52.7	82.5	110	ug/Kg
98-95-3	Nitrobenzene	57.6	U	57.6	82.5	110	ug/Kg
78-59-1	Isophorone	53.7	U	53.7	82.5	110	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.1	U	59.1	82.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.4	U	54.4	82.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.9	U	47.9	82.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.2	U	54.2	82.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.4	U	52.4	82.5	110	ug/Kg
106-47-8	4-Chloroaniline	52.4	U	52.4	82.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.8	U	52.8	82.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100324
Lab Sample ID:	P4236-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139641.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.1	U	55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.2	U	49.2	82.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.3	U	52.3	82.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.3	U	45.3	82.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.9	U	46.9	82.5	110	ug/Kg
92-52-4	1,1-Biphenyl	55.4	U	55.4	82.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.8	U	52.8	82.5	110	ug/Kg
88-74-4	2-Nitroaniline	60.3	U	60.3	82.5	110	ug/Kg
131-11-3	Dimethylphthalate	51.8	U	51.8	82.5	110	ug/Kg
208-96-8	Acenaphthylene	54.9	U	54.9	82.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.8	U	52.8	82.5	110	ug/Kg
99-09-2	3-Nitroaniline	56.6	U	56.6	82.5	110	ug/Kg
83-32-9	Acenaphthene	51.5	U	51.5	82.5	110	ug/Kg
Total PAH	Total PAH	840.6	U	840.6	82.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.6	U	73.6	170	210	ug/Kg
132-64-9	Dibenzofuran	53.5	U	53.5	82.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.7	U	54.7	82.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.5	U	107.5	82.5	220	ug/Kg
84-66-2	Diethylphthalate	50.8	U	50.8	82.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.3	U	54.3	82.5	110	ug/Kg
86-73-7	Fluorene	54.2	U	54.2	82.5	110	ug/Kg
100-01-6	4-Nitroaniline	67.9	U	67.9	82.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.2	U	74.2	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.8	U	51.8	82.5	110	ug/Kg
103-33-3	Azobenzene	50.5	U	50.5	82.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.1	U	50.1	82.5	110	ug/Kg
118-74-1	Hexachlorobenzene	53.9	U	53.9	82.5	110	ug/Kg
1912-24-9	Atrazine	58	U	58	82.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100324
Lab Sample ID:	P4236-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139641.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49	U	49	170	210	ug/Kg
85-01-8	Phenanthrene	130		53.3	82.5	110	ug/Kg
120-12-7	Anthracene	53.5	U	53.5	82.5	110	ug/Kg
86-74-8	Carbazole	50.9	U	50.9	82.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.5	U	53.5	82.5	110	ug/Kg
206-44-0	Fluoranthene	170		51.8	82.5	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	160		52.7	82.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.4	U	61.4	82.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.6	U	62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	99.4	J	51.2	82.5	110	ug/Kg
218-01-9	Chrysene	86.2	J	50.4	82.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.7	U	57.7	82.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.8	U	69.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.5	J	51.5	82.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.4	U	52.4	82.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	81.8	J	59	82.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.5	U	49.5	82.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.5	U	51.5	82.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.8	U	50.8	82.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.1	U	55.1	82.5	110	ug/Kg
123-91-1	1,4-Dioxane	69.8	U	69.8	82.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.4	U	47.4	82.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.8	U	52.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.075		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.18		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	65.89		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	63.071		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100324
Lab Sample ID:	P4236-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139641.D	1	10/1/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.993		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	62.466		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84294	6.863				
1146-65-2	Naphthalene-d8	320629	8.145				
15067-26-2	Acenaphthene-d10	175157	9.898				
1517-22-2	Phenanthrene-d10	316638	11.386				
1719-03-5	Chrysene-d12	173708	14.021				
1520-96-3	Perylene-d12	192041	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.081	
000119-61-9	Benzophenone	56.9	J			10.61	
000057-10-3	n-Hexadecanoic acid	120	J			11.91	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	46.1	J			11.998	
074339-54-1	Trichloroacetic acid, hexadecyl es	64.9	J			13.874	
000192-97-2	Benzo[e]pyrene	49.9	J			15.368	

Hit Summary Sheet SW-846

SDG No.: BF100324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-RW5FRACTANKSED-20240925								
P4204-02	BP-RW5FRACTANKSEI Water		Butane, 2-methoxy-2-methyl-	*	270.000	J		
P4204-02	BP-RW5FRACTANKSEI Water		Octadecanoic acid	*	2.000	J		
Total Tics :						272.00		
Total Concentration:						272.00		
Client ID : TP-R								
P4232-01	TP-R	Solid	1-Heneicosanol	*	120.000	J		
P4232-01	TP-R	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4232-01	TP-R	Solid	Benzene, 1,2,4,5-tetramethyl-	*	63.000	J		
P4232-01	TP-R	Solid	Benzene, 1,3-diethyl-	*	58.600	J		
P4232-01	TP-R	Solid	Benzene, 1-methyl-4-(2-propenyl)	*	61.700	J		
P4232-01	TP-R	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	130.000	J		
P4232-01	TP-R	Solid	Benzene, propyl-	*	71.100	J		
P4232-01	TP-R	Solid	Benzophenone	*	100.000	J		
P4232-01	TP-R	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P4232-01	TP-R	Solid	Cyclopropane, 1-methyl-1-phenyl	*	90.700	J		
P4232-01	TP-R	Solid	Decane, 2,6,8-trimethyl-	*	46.800	J		
P4232-01	TP-R	Solid	n-Hexadecanoic acid	*	150.000	J		
P4232-01	TP-R	Solid	unknown7.134	*	68.300	J		
Total Tics :						3,080.20		
Total Concentration:						3,080.20		
Client ID : A1403								
P4235-02	A1403	Water	1,2-Benzisothiazol-3(2H)-one, 4-a	*	8.300	J		
P4235-02	A1403	Water	1,4-Benzenedicarboxylic acid, bis	*	100.000	J		
P4235-02	A1403	Water	2-Pentanone, 4-hydroxy-4-methyl	*	7.100	A		
P4235-02	A1403	Water	3,6,9,12,15-Pentaoxanonadecan-1	*	18.100	J		
P4235-02	A1403	Water	Butane, 2-methoxy-2-methyl-	*	350.000	J		
P4235-02	A1403	Water	Dehydroabietic acid	*	11.900	J		
P4235-02	A1403	Water	endo-2,3-O-Ethylidene-.beta.-d-er	*	7.300	J		
P4235-02	A1403	Water	Ethanol, 2-butoxy-	*	82.300	J		
P4235-02	A1403	Water	Heptaethylene glycol	*	6.000	J		
P4235-02	A1403	Water	Hexaethylene glycol	*	59.800	J		
P4235-02	A1403	Water	Hexaethylene glycol monododecy	*	6.300	J		
P4235-02	A1403	Water	n-Octylpentaoxyethylene	*	11.800	J		
P4235-02	A1403	Water	Pentaethylene glycol monododecy	*	45.700	J		
P4235-02	A1403	Water	Triethylene glycol monododecyl e	*	17.400	J		
P4235-02	A1403	Water	unknown10.281	*	6.300	J		

Hit Summary Sheet SW-846

SDG No.: BF100324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4235-02	A1403	Water	Vanillin	*	8.100	J		
Total Tics :						746.40		
Total Concentration:						746.40		
Client ID : TP3								
P4236-05	TP3	Solid	1-Heneicosanol	*	92.400	J		
P4236-05	TP3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4236-05	TP3	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P4236-05	TP3	Solid	n-Hexadecanoic acid	*	130.000	J		
Total Tics :						2,442.40		
Total Concentration:						2,442.40		
Client ID : TP1								
P4236-09	TP1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P4236-09	TP1	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	46.100	J		
P4236-09	TP1	Solid	Benzo[e]pyrene	*	49.900	J		
P4236-09	TP1	Solid	Benzophenone	*	56.900	J		
P4236-09	TP1	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P4236-09	TP1	Solid	n-Hexadecanoic acid	*	120.000	J		
P4236-09	TP1	Solid	Trichloroacetic acid, hexadecyl es	*	64.900	J		
Total Tics :						2,677.80		
P4236-09	TP1	Solid	Benzo(a)anthracene		99.400	J	51.2	110 ug/Kg
P4236-09	TP1	Solid	Benzo(a)pyrene		81.800	J	59	110 ug/Kg
P4236-09	TP1	Solid	Benzo(b)fluoranthene		83.500	J	51.5	110 ug/Kg
P4236-09	TP1	Solid	Chrysene		86.200	J	50.4	110 ug/Kg
P4236-09	TP1	Solid	Fluoranthene		170.000		51.8	110 ug/Kg
P4236-09	TP1	Solid	Phenanthrene		130.000		53.3	110 ug/Kg
P4236-09	TP1	Solid	Pyrene		160.000		52.7	110 ug/Kg
Total Svoc :						810.90		
Total Concentration:						3,488.70		
Client ID : TP2								
P4236-13	TP2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4236-13	TP2	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P4236-13	TP2	Solid	Heptane	*	110.000	J		
P4236-13	TP2	Solid	n-Hexadecanoic acid	*	71.900	J		
P4236-13	TP2	Solid	n-Nonadecanol-1	*	58.000	J		
Total Tics :						2,259.90		
Total Concentration:						2,259.90		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

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.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis(2-ethylhexyl)phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo(b)fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo(k)fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo(a)pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno(1,2,3-cd)pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo(a,h)anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo(g,h,i)perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139588.D Time Analyzed: 10:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB163732BL	99503	6.87	385904	8.15	224944	9.90
02	PB163811BS	96222	6.87	375547	8.15	222937	9.90
03	PB163732BS	100352	6.87	394145	8.15	234306	9.91
04	PB163732BSD	99580	6.87	399223	8.15	232018	9.91
05	PB163843BL	101089	6.87	392823	8.15	228527	9.90
06	PB163843BS	112426	6.87	438819	8.15	257586	9.91
07	PB163843BSD	97350	6.87	387528	8.15	227394	9.91
08	PB163825BL	95700	6.87	371325	8.15	213362	9.90
09	PB163825BS	98407	6.87	389053	8.15	223003	9.90
10	PB163805TB	99763	6.87	384233	8.15	226338	9.90
11	PB163746TB	100085	6.86	382102	8.15	221911	9.90
12	A1403	82321	6.86	306449	8.15	169039	9.90
13	BP-RW5FRACTANKSED-20240925	85754	6.86	323117	8.15	181092	9.90
14	CONCRETE-WC-1MS	100442	6.87	374894	8.15	210127	9.90
15	CONCRETE-WC-1MSD	98769	6.87	380650	8.15	212684	9.90
16	TP-TMS	89373	6.87	340334	8.15	189635	9.90
17	TP-TMSD	93708	6.87	355995	8.15	194836	9.90
18	TP2	76416	6.86	291446	8.15	160467	9.90
19	TP-R	81061	6.86	304907	8.15	166142	9.90
20	TP3	78117	6.86	300851	8.15	162259	9.90
21	TP1	84294	6.86	320629	8.15	175157	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139588.D Time Analyzed: 19:50

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139620.D Time Analyzed: 10:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	110357	6.869	426254	8.15	246943	9.91
	UPPER LIMIT	220714	7.369	852508	8.651	493886	10.41
	LOWER LIMIT	55178.5	6.369	213127	7.651	123471.5	9.41
	EPA SAMPLE NO.						
01	PB163732BL	99503	6.87	385904	8.15	224944	9.90
02	PB163811BS	96222	6.87	375547	8.15	222937	9.90
03	PB163732BS	100352	6.87	394145	8.15	234306	9.91
04	PB163732BSD	99580	6.87	399223	8.15	232018	9.91
05	PB163843BL	101089	6.87	392823	8.15	228527	9.90
06	PB163843BS	112426	6.87	438819	8.15	257586	9.91
07	PB163843BSD	97350	6.87	387528	8.15	227394	9.91
08	PB163825BL	95700	6.87	371325	8.15	213362	9.90
09	PB163825BS	98407	6.87	389053	8.15	223003	9.90
10	PB163805TB	99763	6.87	384233	8.15	226338	9.90
11	PB163746TB	100085	6.86	382102	8.15	221911	9.90
12	A1403	82321	6.86	306449	8.15	169039	9.90
13	BP-RW5FRACTANKSED-20240925	85754	6.86	323117	8.15	181092	9.90
14	CONCRETE-WC-1MS	100442	6.87	374894	8.15	210127	9.90
15	CONCRETE-WC-1MSD	98769	6.87	380650	8.15	212684	9.90
16	TP-TMS	89373	6.87	340334	8.15	189635	9.90
17	TP-TMSD	93708	6.87	355995	8.15	194836	9.90
18	TP2	76416	6.86	291446	8.15	160467	9.90
19	TP-R	81061	6.86	304907	8.15	166142	9.90
20	TP3	78117	6.86	300851	8.15	162259	9.90
21	TP1	84294	6.86	320629	8.15	175157	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139620.D Time Analyzed: 19:50

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	110357	6.869	426254	8.15	246943	9.91
UPPER LIMIT	220714	7.369	852508	8.651	493886	10.41
LOWER LIMIT	55178.5	6.369	213127	7.651	123471.5	9.41
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139588.D Time Analyzed: 10:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB163732BL	459226	11.39	341308	14.03	274094	15.50
02	PB163811BS	435381	11.39	246712	14.03	200731	15.50
03	PB163732BS	443538	11.39	243056	14.03	214719	15.50
04	PB163732BSD	445543	11.39	242887	14.03	211967	15.50
05	PB163843BL	475210	11.39	337546	14.03	266458	15.50
06	PB163843BS	489896	11.39	270474	14.03	247526	15.50
07	PB163843BSD	435491	11.39	234590	14.03	205443	15.50
08	PB163825BL	449339	11.39	290242	14.03	229314	15.50
09	PB163825BS	427231	11.39	234220	14.03	204939	15.50
10	PB163805TB	453669	11.39	290975	14.03	226497	15.50
11	PB163746TB	450235	11.39	296016	14.03	226702	15.50
12	A1403	302175	11.39	188679	14.03	193223	15.50
13	BP-RW5FRACTANKSED-20240925	339348	11.39	212477	14.03	203702	15.49
14	CONCRETE-WC-1MS	386587	11.39	207998	14.03	211804	15.50
15	CONCRETE-WC-1MSD	394361	11.39	214591	14.03	213119	15.50
16	TP-TMS	355376	11.39	189160	14.03	185966	15.50
17	TP-TMSD	369937	11.39	193991	14.03	186996	15.50
18	TP2	291632	11.39	178951	14.02	184843	15.49
19	TP-R	305133	11.39	183794	14.02	182163	15.49
20	TP3	298705	11.39	174564	14.02	181624	15.49
21	TP1	316638	11.39	173708	14.02	192041	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139588.D Time Analyzed: 19:50

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139620.D Time Analyzed: 10:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	468897	11.392	260761	14.033	221578	15.504
	UPPER LIMIT	937794	11.892	521522	14.533	443156	16.004
	LOWER LIMIT	234448.5	10.892	130380.5	13.533	110789	15.004
	EPA SAMPLE NO.						
01	PB163732BL	459226	11.39	341308	14.03	274094	15.50
02	PB163811BS	435381	11.39	246712	14.03	200731	15.50
03	PB163732BS	443538	11.39	243056	14.03	214719	15.50
04	PB163732BSD	445543	11.39	242887	14.03	211967	15.50
05	PB163843BL	475210	11.39	337546	14.03	266458	15.50
06	PB163843BS	489896	11.39	270474	14.03	247526	15.50
07	PB163843BSD	435491	11.39	234590	14.03	205443	15.50
08	PB163825BL	449339	11.39	290242	14.03	229314	15.50
09	PB163825BS	427231	11.39	234220	14.03	204939	15.50
10	PB163805TB	453669	11.39	290975	14.03	226497	15.50
11	PB163746TB	450235	11.39	296016	14.03	226702	15.50
12	A1403	302175	11.39	188679	14.03	193223	15.50
13	BP-RW5FRACTANKSED-20240925	339348	11.39	212477	14.03	203702	15.49
14	CONCRETE-WC-1MS	386587	11.39	207998	14.03	211804	15.50
15	CONCRETE-WC-1MSD	394361	11.39	214591	14.03	213119	15.50
16	TP-TMS	355376	11.39	189160	14.03	185966	15.50
17	TP-TMSD	369937	11.39	193991	14.03	186996	15.50
18	TP2	291632	11.39	178951	14.02	184843	15.49
19	TP-R	305133	11.39	183794	14.02	182163	15.49
20	TP3	298705	11.39	174564	14.02	181624	15.49
21	TP1	316638	11.39	173708	14.02	192041	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100324 SAS No.: BF100324 SDG NO.: BF100324

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

Lab File ID: BF139620.D Time Analyzed: 19:50

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	468897	11.392	260761	14.033	221578	15.504
UPPER LIMIT	937794	11.892	521522	14.533	443156	16.004
LOWER LIMIT	234448.5	10.892	130380.5	13.533	110789	15.004
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163732BS	n-Nitrosodimethylamine	50	50.4	ug/L	101				55	108	
	Pyridine	50	48.4	ug/L	97				29	97	
	Benzaldehyde	50	11.8	ug/L	24				10	162	
	Aniline	50	53.8	ug/L	108				10	130	
	Phenol	50	52.1	ug/L	104				66	118	
	bis(2-Chloroethyl)ether	50	46.7	ug/L	93				62	103	
	2-Chlorophenol	50	52.9	ug/L	106				70	117	
	1,2-Dichlorobenzene	50	48.9	ug/L	98				72	102	
	1,3-Dichlorobenzene	50	47.7	ug/L	95				71	103	
	1,4-Dichlorobenzene	50	47.8	ug/L	96				76	103	
	Benzyl Alcohol	50	54	ug/L	108		*		36	93	
	2-Methylphenol	50	52.3	ug/L	105				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.1	ug/L	100				65	100	
	Acetophenone	50	49	ug/L	98				60	104	
	3+4-Methylphenols	50	52.3	ug/L	105				67	106	
	N-Nitroso-di-n-propylamine	50	50.4	ug/L	101				57	107	
	Hexachloroethane	50	47.9	ug/L	96				76	118	
	Nitrobenzene	50	48	ug/L	96				58	106	
	Isophorone	50	50.5	ug/L	101				61	102	
	2-Nitrophenol	50	52	ug/L	104				70	115	
	2,4-Dimethylphenol	50	63.2	ug/L	126				42	142	
	bis(2-Chloroethoxy)methane	50	48.7	ug/L	97				58	109	
	2,4-Dichlorophenol	50	52	ug/L	104				66	115	
	1,2,4-Trichlorobenzene	50	46	ug/L	92				41	115	
	Benzoic acid	50	52.3	ug/L	105				10	125	
	Naphthalene	50	48.4	ug/L	97				64	107	
	4-Chloroaniline	50	30.2	ug/L	60				10	85	
	Hexachlorobutadiene	50	45.7	ug/L	91				69	101	
	Caprolactam	50	53.7	ug/L	107				58	128	
	4-Chloro-3-methylphenol	50	52.5	ug/L	105				65	114	
	2-Methylnaphthalene	50	49.5	ug/L	99				64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*		36	160	
	2,4,6-Trichlorophenol	50	50.3	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	48	ug/L	96				70	106	
	1,1-Biphenyl	50	47	ug/L	94				72	98	
	2-Chloronaphthalene	50	46.6	ug/L	93				59	106	
	2-Nitroaniline	50	52	ug/L	104				73	114	
	Dimethylphthalate	50	50.1	ug/L	100				64	103	
	Acenaphthylene	50	51.3	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	48.4	ug/L	97				64	110	
	3-Nitroaniline	50	35.9	ug/L	72				28	100	
	Acenaphthene	50	54.3	ug/L	109				59	113	
	Total PAH	800	815.8	ug/L	102				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163732BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	48.3	ug/L	97				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100	98.5	ug/L	99				60	115	
	2,4-Dinitrotoluene	50	50.1	ug/L	100				60	115	
	Diethylphthalate	50	49.4	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	47.1	ug/L	94				61	104	
	Fluorene	50	48.7	ug/L	97				64	107	
	4-Nitroaniline	50	50.1	ug/L	100				55	125	
	4,6-Dinitro-2-methylphenol	50	53.8	ug/L	108				62	132	
	N-Nitrosodiphenylamine	50	50.4	ug/L	101				61	109	
	Azobenzene	50	50	ug/L	100				59	106	
	4-Bromophenyl-phenylether	50	48.5	ug/L	97				73	103	
	Hexachlorobenzene	50	47.3	ug/L	95				73	106	
	Atrazine	50	61.5	ug/L	123		*		76	120	
	Pentachlorophenol	100	94.5	ug/L	95				47	114	
	Phenanthrene	50	50	ug/L	100				62	109	
	Anthracene	50	51.6	ug/L	103				65	110	
	Carbazole	50	49	ug/L	98				62	106	
	Di-n-butylphthalate	50	51.1	ug/L	102				64	106	
	Fluoranthene	50	48.4	ug/L	97				64	110	
	Benzidine	100	79.6	ug/L	80				10	94	
	Pyrene	50	51.8	ug/L	104		*		71	103	
	Butylbenzylphthalate	50	55.4	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	41.2	ug/L	82				43	108	
	Benzo(a)anthracene	50	50.1	ug/L	100				62	107	
	Chrysene	50	51	ug/L	102				61	108	
	bis(2-Ethylhexyl)phthalate	50	58.7	ug/L	117		*		59	110	
	Di-n-octyl phthalate	50	57.2	ug/L	114				52	139	
	Benzo(b)fluoranthene	50	46	ug/L	92				77	113	
	Benzo(k)fluoranthene	50	53	ug/L	106		*		77	105	
	Benzo(a)pyrene	50	53.7	ug/L	107				72	131	
	Indeno(1,2,3-cd)pyrene	50	54.3	ug/L	109		*		72	105	
	Dibenz(a,h)anthracene	50	53.7	ug/L	107				78	115	
	Benzo(g,h,i)perylene	50	49.5	ug/L	99				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.5	ug/L	93				72	101	
	1,4-Dioxane	50	42.3	ug/L	85				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.9	ug/L	104				63	116	
	1-Methylnaphthalene	50	46.6	ug/L	93				51	114	
PB163732BSD	n-Nitrosodimethylamine	50	49.6	ug/L	99	2			55	108	20
	Pyridine	50	47.5	ug/L	95	2			29	97	20
	Benzaldehyde	50	13.9	ug/L	28	16			10	162	20
	Aniline	50	54.8	ug/L	110	2			10	130	20
	Phenol	50	51.5	ug/L	103	1			66	118	20
	bis(2-Chloroethyl)ether	50	47.4	ug/L	95	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163732BSD	2-Chlorophenol	50	52.8	ug/L	106	0			70	117	20
	1,2-Dichlorobenzene	50	48.2	ug/L	96	1			72	102	20
	1,3-Dichlorobenzene	50	46.8	ug/L	94	2			71	103	20
	1,4-Dichlorobenzene	50	47.6	ug/L	95	0			76	103	20
	Benzyl Alcohol	50	53.3	ug/L	107	1	*		36	93	20
	2-Methylphenol	50	51.5	ug/L	103	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	50	ug/L	100	0			65	100	20
	Acetophenone	50	46.8	ug/L	94	5			60	104	20
	3+4-Methylphenols	50	51.4	ug/L	103	2			67	106	20
	N-Nitroso-di-n-propylamine	50	49.6	ug/L	99	2			57	107	20
	Hexachloroethane	50	47.4	ug/L	95	1			76	118	20
	Nitrobenzene	50	46.1	ug/L	92	4			58	106	20
	Isophorone	50	48.9	ug/L	98	3			61	102	20
	2-Nitrophenol	50	50	ug/L	100	4			70	115	20
	2,4-Dimethylphenol	50	60.8	ug/L	122	4			42	142	20
	bis(2-Chloroethoxy)methane	50	47.2	ug/L	94	3			58	109	20
	2,4-Dichlorophenol	50	49.8	ug/L	100	4			66	115	20
	1,2,4-Trichlorobenzene	50	44.5	ug/L	89	3			41	115	20
	Benzoic acid	50	49.7	ug/L	99	5			10	125	20
	Naphthalene	50	46.6	ug/L	93	4			64	107	20
	4-Chloroaniline	50	32.6	ug/L	65	8			10	85	20
	Hexachlorobutadiene	50	44.4	ug/L	89	3			69	101	20
	Caprolactam	50	51	ug/L	102	5			58	128	20
	4-Chloro-3-methylphenol	50	50.4	ug/L	101	4			65	114	20
	2-Methylnaphthalene	50	47.6	ug/L	95	4			64	107	20
	Hexachlorocyclopentadiene	100	180	ug/L	180	0	*		36	160	20
	2,4,6-Trichlorophenol	50	49.8	ug/L	100	1			61	110	20
	2,4,5-Trichlorophenol	50	47.7	ug/L	95	1			70	106	20
	1,1-Biphenyl	50	46.4	ug/L	93	1			72	98	20
	2-Chloronaphthalene	50	46.1	ug/L	92	1			59	106	20
	2-Nitroaniline	50	51.2	ug/L	102	2			73	114	20
	Dimethylphthalate	50	49.5	ug/L	99	1			64	103	20
	Acenaphthylene	50	50.9	ug/L	102	1			79	103	20
	2,6-Dinitrotoluene	50	48.1	ug/L	96	1			64	110	20
	3-Nitroaniline	50	38.8	ug/L	78	8			28	100	20
	Acenaphthene	50	53.5	ug/L	107	1			59	113	20
	Total PAH	800	801.1	ug/L	100	2			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	9			36	166	20
	4-Nitrophenol	100	100	ug/L	100	0			45	147	20
	Dibenzofuran	50	48.1	ug/L	96	0			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	98.2	ug/L	98	0			60	115	20
	2,4-Dinitrotoluene	50	50.1	ug/L	100	0			60	115	20
	Diethylphthalate	50	49.2	ug/L	98	0			63	105	20
	4-Chlorophenyl-phenylether	50	46.7	ug/L	93	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163732BSD	Fluorene	50	47.9	ug/L	96	2			64	107	20
	4-Nitroaniline	50	49.7	ug/L	99	1			55	125	20
	4,6-Dinitro-2-methylphenol	50	52	ug/L	104	3			62	132	20
	N-Nitrosodiphenylamine	50	48.7	ug/L	97	3			61	109	20
	Azobenzene	50	49.4	ug/L	99	1			59	106	20
	4-Bromophenyl-phenylether	50	46.8	ug/L	94	4			73	103	20
	Hexachlorobenzene	50	47	ug/L	94	1			73	106	20
	Atrazine	50	60.2	ug/L	120	2			76	120	20
	Pentachlorophenol	100	92.6	ug/L	93	2			47	114	20
	Phenanthrene	50	48.9	ug/L	98	2			62	109	20
	Anthracene	50	50.3	ug/L	101	3			65	110	20
	Carbazole	50	48.7	ug/L	97	1			62	106	20
	Di-n-butylphthalate	50	49.7	ug/L	99	3			64	106	20
	Fluoranthene	50	47.8	ug/L	96	1			64	110	20
	Benzidine	100	95.1	ug/L	95	18	*		10	94	20
	Pyrene	50	50.7	ug/L	101	2			71	103	20
	Butylbenzylphthalate	50	55.2	ug/L	110	0	*		61	105	20
	3,3-Dichlorobenzidine	50	41.8	ug/L	84	1			43	108	20
	Benzo(a)anthracene	50	51.5	ug/L	103	3			62	107	20
	Chrysene	50	49	ug/L	98	4			61	108	20
	bis(2-Ethylhexyl)phthalate	50	57.6	ug/L	115	2	*		59	110	20
	Di-n-octyl phthalate	50	56.1	ug/L	112	2			52	139	20
	Benzo(b)fluoranthene	50	50.7	ug/L	101	10			77	113	20
	Benzo(k)fluoranthene	50	47.3	ug/L	95	11			77	105	20
	Benzo(a)pyrene	50	53.2	ug/L	106	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	52.8	ug/L	106	3	*		72	105	20
	Dibenz(a,h)anthracene	50	52.4	ug/L	105	2			78	115	20
	Benzo(g,h,i)perylene	50	47.6	ug/L	95	4			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	2			72	101	20
	1,4-Dioxane	50	41.9	ug/L	84	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	51.4	ug/L	103	1			63	116	20
	1-Methylnaphthalene	50	45.6	ug/L	91	2			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163811BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	920	ug/Kg	54				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	850	ug/Kg	50				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25400	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163811BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3100	ug/Kg	91				60	106		
	Diethylphthalate	1700	1600	ug/Kg	94				60	101		
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98		
	Fluorene	1700	1500	ug/Kg	88				61	101		
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	1900	ug/Kg	112				47	152		
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Benzidine	3300	2500	ug/Kg	76				10	98		
	Pyrene	1700	1600	ug/Kg	94				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91		
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101		
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				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	1300	ug/Kg	76				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163825BS	n-Nitrosodimethylamine	50	50.8	ug/L	102				55	108	
	Pyridine	50	47.3	ug/L	95				29	97	
	Benzaldehyde	50	12.4	ug/L	25				10	162	
	Aniline	50	52.1	ug/L	104				10	130	
	Phenol	50	51.9	ug/L	104				66	118	
	bis(2-Chloroethyl)ether	50	47.3	ug/L	95				62	103	
	2-Chlorophenol	50	52.9	ug/L	106				70	117	
	1,2-Dichlorobenzene	50	48.7	ug/L	97				72	102	
	1,3-Dichlorobenzene	50	47.6	ug/L	95				71	103	
	1,4-Dichlorobenzene	50	47.7	ug/L	95				76	103	
	Benzyl Alcohol	50	52.4	ug/L	105		*		36	93	
	2-Methylphenol	50	52.4	ug/L	105				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.3	ug/L	101		*		65	100	
	Acetophenone	50	48	ug/L	96				60	104	
	3+4-Methylphenols	50	52.6	ug/L	105				67	106	
	N-Nitroso-di-n-propylamine	50	50.2	ug/L	100				57	107	
	Hexachloroethane	50	47.5	ug/L	95				76	118	
	Nitrobenzene	50	47.1	ug/L	94				58	106	
	Isophorone	50	50	ug/L	100				61	102	
	2-Nitrophenol	50	50.9	ug/L	102				70	115	
	2,4-Dimethylphenol	50	62.1	ug/L	124				42	142	
	bis(2-Chloroethoxy)methane	50	48.6	ug/L	97				58	109	
	2,4-Dichlorophenol	50	50.9	ug/L	102				66	115	
	1,2,4-Trichlorobenzene	50	45.5	ug/L	91				41	115	
	Benzoic acid	50	51.1	ug/L	102				10	125	
	Naphthalene	50	47.7	ug/L	95				64	107	
	4-Chloroaniline	50	26.3	ug/L	53				10	85	
	Hexachlorobutadiene	50	45.3	ug/L	91				69	101	
	Caprolactam	50	50.4	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	52	ug/L	104				65	114	
	2-Methylnaphthalene	50	48.5	ug/L	97				64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*		36	160	
	2,4,6-Trichlorophenol	50	50.7	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	50	ug/L	100				70	106	
	1,1-Biphenyl	50	48.1	ug/L	96				72	98	
	2-Chloronaphthalene	50	47.8	ug/L	96				59	106	
	2-Nitroaniline	50	52.7	ug/L	105				73	114	
	Dimethylphthalate	50	51.9	ug/L	104		*		64	103	
	Acenaphthylene	50	52.8	ug/L	106		*		79	103	
	2,6-Dinitrotoluene	50	49.1	ug/L	98				64	110	
	3-Nitroaniline	50	35	ug/L	70				28	100	
	Acenaphthene	50	56.1	ug/L	112				59	113	
	Total PAH	800	825.6	ug/L	103				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163825BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	50	ug/L	100				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotolc	100	100.6	ug/L	101				60	115	
	2,4-Dinitrotoluene	50	51.5	ug/L	103				60	115	
	Diethylphthalate	50	51.3	ug/L	103				63	105	
	4-Chlorophenyl-phenylether	50	49	ug/L	98				61	104	
	Fluorene	50	49.3	ug/L	99				64	107	
	4-Nitroaniline	50	50.3	ug/L	101				55	125	
	4,6-Dinitro-2-methylphenol	50	53.7	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	50.9	ug/L	102				61	109	
	Azobenzene	50	51.3	ug/L	103				59	106	
	4-Bromophenyl-phenylether	50	49	ug/L	98				73	103	
	Hexachlorobenzene	50	48.4	ug/L	97				73	106	
	Atrazine	50	61.6	ug/L	123		*		76	120	
	Pentachlorophenol	100	95	ug/L	95				47	114	
	Phenanthrene	50	50.9	ug/L	102				62	109	
	Anthracene	50	52.4	ug/L	105				65	110	
	Carbazole	50	49.1	ug/L	98				62	106	
	Di-n-butylphthalate	50	51.9	ug/L	104				64	106	
	Fluoranthene	50	49.1	ug/L	98				64	110	
	Benzidine	100	81.3	ug/L	81				10	94	
	Pyrene	50	51.9	ug/L	104		*		71	103	
	Butylbenzylphthalate	50	55.6	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	39.1	ug/L	78				43	108	
	Benzo(a)anthracene	50	50.7	ug/L	101				62	107	
	Chrysene	50	51.5	ug/L	103				61	108	
	bis(2-Ethylhexyl)phthalate	50	58	ug/L	116		*		59	110	
	Di-n-octyl phthalate	50	57	ug/L	114				52	139	
	Benzo(b)fluoranthene	50	47.6	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	53.1	ug/L	106		*		77	105	
	Benzo(a)pyrene	50	54.9	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	54.3	ug/L	109		*		72	105	
	Dibenz(a,h)anthracene	50	54.1	ug/L	108				78	115	
	Benzo(g,h,i)perylene	50	49.2	ug/L	98				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.6	ug/L	95				72	101	
	1,4-Dioxane	50	42.6	ug/L	85				38	125	
	2,3,4,6-Tetrachlorophenol	50	54	ug/L	108				63	116	
	1-Methylnaphthalene	50	46.8	ug/L	94				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163843BS	n-Nitrosodimethylamine	50	42.2	ug/L	84				55	108	
	Pyridine	50	40.2	ug/L	80				29	97	
	Benzaldehyde	50	24.6	ug/L	49				10	162	
	Aniline	50	44.4	ug/L	89				10	130	
	Phenol	50	44.1	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	40.4	ug/L	81				62	103	
	2-Chlorophenol	50	44.8	ug/L	90				70	117	
	1,2-Dichlorobenzene	50	41.5	ug/L	83				72	102	
	1,3-Dichlorobenzene	50	40	ug/L	80				71	103	
	1,4-Dichlorobenzene	50	40.3	ug/L	81				76	103	
	Benzyl Alcohol	50	44.7	ug/L	89				36	93	
	2-Methylphenol	50	43.6	ug/L	87				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.4	ug/L	85				65	100	
	Acetophenone	50	41	ug/L	82				60	104	
	3+4-Methylphenols	50	44	ug/L	88				67	106	
	N-Nitroso-di-n-propylamine	50	42	ug/L	84				57	107	
	Hexachloroethane	50	40	ug/L	80				76	118	
	Nitrobenzene	50	39.8	ug/L	80				58	106	
	Isophorone	50	42.1	ug/L	84				61	102	
	2-Nitrophenol	50	43.2	ug/L	86				70	115	
	2,4-Dimethylphenol	50	52	ug/L	104				42	142	
	bis(2-Chloroethoxy)methane	50	41.1	ug/L	82				58	109	
	2,4-Dichlorophenol	50	42.7	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	38.8	ug/L	78				41	115	
	Benzoic acid	50	43.5	ug/L	87				10	125	
	Naphthalene	50	40.7	ug/L	81				64	107	
	4-Chloroaniline	50	21.1	ug/L	42				10	85	
	Hexachlorobutadiene	50	38.8	ug/L	78				69	101	
	Caprolactam	50	44.7	ug/L	89				58	128	
	4-Chloro-3-methylphenol	50	43.6	ug/L	87				65	114	
	2-Methylnaphthalene	50	41.4	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	41.7	ug/L	83				61	110	
	2,4,5-Trichlorophenol	50	41.6	ug/L	83				70	106	
	1,1-Biphenyl	50	40.1	ug/L	80				72	98	
	2-Chloronaphthalene	50	39.7	ug/L	79				59	106	
	2-Nitroaniline	50	43.4	ug/L	87				73	114	
	Dimethylphthalate	50	42.4	ug/L	85				64	103	
	Acenaphthylene	50	43.6	ug/L	87				79	103	
	2,6-Dinitrotoluene	50	40.9	ug/L	82				64	110	
	3-Nitroaniline	50	27.6	ug/L	55				28	100	
	Acenaphthene	50	45.8	ug/L	92				59	113	
	Total PAH	800	687.4	ug/L	86				59	113	
	2,4-Dinitrophenol	100	90.5	ug/L	91				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163843BS	4-Nitrophenol	100	88.9	ug/L	89				45	147	
	Dibenzofuran	50	41.4	ug/L	83				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	84	ug/L	84				60	115	
	2,4-Dinitrotoluene	50	43.1	ug/L	86				60	115	
	Diethylphthalate	50	42.5	ug/L	85				63	105	
	4-Chlorophenyl-phenylether	50	40.3	ug/L	81				61	104	
	Fluorene	50	40.8	ug/L	82				64	107	
	4-Nitroaniline	50	41.9	ug/L	84				55	125	
	4,6-Dinitro-2-methylphenol	50	45.7	ug/L	91				62	132	
	N-Nitrosodiphenylamine	50	42.4	ug/L	85				61	109	
	Azobenzene	50	42.7	ug/L	85				59	106	
	4-Bromophenyl-phenylether	50	40.8	ug/L	82				73	103	
	Hexachlorobenzene	50	40.8	ug/L	82				73	106	
	Atrazine	50	52.3	ug/L	105				76	120	
	Pentachlorophenol	100	79.9	ug/L	80				47	114	
	Phenanthrene	50	42.5	ug/L	85				62	109	
	Anthracene	50	43.5	ug/L	87				65	110	
	Carbazole	50	41.9	ug/L	84				62	106	
	Di-n-butylphthalate	50	43.3	ug/L	87				64	106	
	Fluoranthene	50	41.1	ug/L	82				64	110	
	Benzidine	100	77.6	ug/L	78				10	94	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	46.8	ug/L	94				61	105	
	3,3-Dichlorobenzidine	50	32.2	ug/L	64				43	108	
	Benzo(a)anthracene	50	44.7	ug/L	89				62	107	
	Chrysene	50	41.5	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	49	ug/L	98				59	110	
	Di-n-octyl phthalate	50	48.5	ug/L	97				52	139	
	Benzo(b)fluoranthene	50	38.5	ug/L	77				77	113	
	Benzo(k)fluoranthene	50	45.1	ug/L	90				77	105	
	Benzo(a)pyrene	50	45.5	ug/L	91				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.2	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	45	ug/L	90				78	115	
	Benzo(g,h,i)perylene	50	40.5	ug/L	81				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.7	ug/L	79				72	101	
	1,4-Dioxane	50	36.6	ug/L	73				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.8	ug/L	88				63	116	
	1-Methylnaphthalene	50	39.4	ug/L	79				51	114	
PB163843BSD	n-Nitrosodimethylamine	50	48	ug/L	96	13			55	108	20
	Pyridine	50	45.1	ug/L	90	11			29	97	20
	Benzaldehyde	50	11.7	ug/L	23	71	*		10	162	20
	Aniline	50	50.7	ug/L	101	13			10	130	20
	Phenol	50	50.3	ug/L	101	13			66	118	20
	bis(2-Chloroethyl)ether	50	46.1	ug/L	92	13			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163843BSD	2-Chlorophenol	50	50.9	ug/L	102	13			70	117	20
	1,2-Dichlorobenzene	50	47	ug/L	94	12			72	102	20
	1,3-Dichlorobenzene	50	45.5	ug/L	91	13			71	103	20
	1,4-Dichlorobenzene	50	46.2	ug/L	92	14			76	103	20
	Benzyl Alcohol	50	51.4	ug/L	103	14	*		36	93	20
	2-Methylphenol	50	50.5	ug/L	101	15			69	109	20
	2,2-oxybis(1-Chloropropane)	50	48.5	ug/L	97	13			65	100	20
	Acetophenone	50	46.1	ug/L	92	12			60	104	20
	3+4-Methylphenols	50	50.4	ug/L	101	14			67	106	20
	N-Nitroso-di-n-propylamine	50	48.6	ug/L	97	15			57	107	20
	Hexachloroethane	50	46.1	ug/L	92	14			76	118	20
	Nitrobenzene	50	45.3	ug/L	91	13			58	106	20
	Isophorone	50	47.8	ug/L	96	13			61	102	20
	2-Nitrophenol	50	49.2	ug/L	98	13			70	115	20
	2,4-Dimethylphenol	50	60	ug/L	120	14			42	142	20
	bis(2-Chloroethoxy)methane	50	46.5	ug/L	93	12			58	109	20
	2,4-Dichlorophenol	50	49.1	ug/L	98	14			66	115	20
	1,2,4-Trichlorobenzene	50	43.6	ug/L	87	12			41	115	20
	Benzoic acid	50	50.3	ug/L	101	14			10	125	20
	Naphthalene	50	45.7	ug/L	91	12			64	107	20
	4-Chloroaniline	50	26.5	ug/L	53	23		*	10	85	20
	Hexachlorobutadiene	50	43.3	ug/L	87	11			69	101	20
	Caprolactam	50	50.7	ug/L	101	13			58	128	20
	4-Chloro-3-methylphenol	50	49.5	ug/L	99	13			65	114	20
	2-Methylnaphthalene	50	46.7	ug/L	93	12			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	13	*		36	160	20
	2,4,6-Trichlorophenol	50	48	ug/L	96	14			61	110	20
	2,4,5-Trichlorophenol	50	46.6	ug/L	93	11			70	106	20
	1,1-Biphenyl	50	45.4	ug/L	91	12			72	98	20
	2-Chloronaphthalene	50	45.1	ug/L	90	13			59	106	20
	2-Nitroaniline	50	50	ug/L	100	14			73	114	20
	Dimethylphthalate	50	48.8	ug/L	98	14			64	103	20
	Acenaphthylene	50	49.5	ug/L	99	13			79	103	20
	2,6-Dinitrotoluene	50	47.3	ug/L	95	15			64	110	20
	3-Nitroaniline	50	33.5	ug/L	67	19			28	100	20
	Acenaphthene	50	52.5	ug/L	105	14			59	113	20
	Total PAH	800	784.1	ug/L	98	13			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	19			36	166	20
	4-Nitrophenol	100	98.8	ug/L	99	11			45	147	20
	Dibenzofuran	50	47.1	ug/L	94	13			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	96.3	ug/L	96	14			60	115	20
	2,4-Dinitrotoluene	50	49	ug/L	98	13			60	115	20
	Diethylphthalate	50	48.5	ug/L	97	13			63	105	20
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92	13			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163843BSD	Fluorene	50	47.2	ug/L	94	15			64	107	20
	4-Nitroaniline	50	47.2	ug/L	94	12			55	125	20
	4,6-Dinitro-2-methylphenol	50	50.6	ug/L	101	10			62	132	20
	N-Nitrosodiphenylamine	50	47.7	ug/L	95	12			61	109	20
	Azobenzene	50	48.8	ug/L	98	13			59	106	20
	4-Bromophenyl-phenylether	50	46.3	ug/L	93	13			73	103	20
	Hexachlorobenzene	50	45	ug/L	90	10			73	106	20
	Atrazine	50	58.9	ug/L	118	12			76	120	20
	Pentachlorophenol	100	90.2	ug/L	90	12			47	114	20
	Phenanthrene	50	47.5	ug/L	95	11			62	109	20
	Anthracene	50	49.6	ug/L	99	13			65	110	20
	Carbazole	50	46.9	ug/L	94	11			62	106	20
	Di-n-butylphthalate	50	48.7	ug/L	97	12			64	106	20
	Fluoranthene	50	46.2	ug/L	92	12			64	110	20
	Benzidine	100	75.4	ug/L	75	3			10	94	20
	Pyrene	50	49.4	ug/L	99	13			71	103	20
	Butylbenzylphthalate	50	53.1	ug/L	106	13	*		61	105	20
	3,3-Dichlorobenzidine	50	37.5	ug/L	75	15			43	108	20
	Benzo(a)anthracene	50	48.2	ug/L	96	8			62	107	20
	Chrysene	50	49.5	ug/L	99	18			61	108	20
	bis(2-Ethylhexyl)phthalate	50	55.8	ug/L	112	13	*		59	110	20
	Di-n-octyl phthalate	50	54.2	ug/L	108	11			52	139	20
	Benzo(b)fluoranthene	50	44.7	ug/L	89	15			77	113	20
	Benzo(k)fluoranthene	50	51.9	ug/L	104	14			77	105	20
	Benzo(a)pyrene	50	52.8	ug/L	106	15			72	131	20
	Indeno(1,2,3-cd)pyrene	50	51.5	ug/L	103	13			72	105	20
	Dibenz(a,h)anthracene	50	51.4	ug/L	103	13			78	115	20
	Benzo(g,h,i)perylene	50	46.5	ug/L	93	14			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	44.8	ug/L	90	12			72	101	20
	1,4-Dioxane	50	41.1	ug/L	82	12			38	125	20
	2,3,4,6-Tetrachlorophenol	50	50.9	ug/L	102	15			63	116	20
	1-Methylnaphthalene	50	44.8	ug/L	90	13			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163732BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100324

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139621.D

Lab Sample ID: PB163732BL

Instrument ID: BNA_F

Date Extracted: 09/27/2024

Matrix: (soil/water) Water

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 10:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-RW5FRACTANKSED-20240925	P4204-02	BF139633.D	10/03/2024
PB163732BS	PB163732BS	BF139623.D	10/03/2024
PB163732BSD	PB163732BSD	BF139624.D	10/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-TMS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100324

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139636.D

Lab Sample ID: P4190-04MS

Instrument ID: BNA_F

Date Extracted: 08/27/2024

Matrix: (soil/water) water

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 17:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-TMS	P4190-04MS	BF139636.D	10/03/2024
TP-TMSD	P4190-04MSD	BF139637.D	10/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100324

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139638.D

Lab Sample ID: P4236-13

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 18:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP2	P4236-13	BF139638.D	10/03/2024
TP-R	P4232-01	BF139639.D	10/03/2024
TP3	P4236-05	BF139640.D	10/03/2024
TP1	P4236-09	BF139641.D	10/03/2024
PB163811BS	PB163811BS	BF139622.D	10/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163825BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100324

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139628.D

Lab Sample ID: PB163825BL

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) water

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 13:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163825BS	PB163825BS	BF139629.D	10/03/2024
PB163805TB	PB163805TB	BF139630.D	10/03/2024
PB163746TB	PB163746TB	BF139631.D	10/03/2024
CONCRETE-WC-1MS	P4214-02MS	BF139634.D	10/03/2024
CONCRETE-WC-1MSD	P4214-02MSD	BF139635.D	10/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163843BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100324

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139625.D

Lab Sample ID: PB163843BL

Instrument ID: BNA_F

Date Extracted: 10/02/2024

Matrix: (soil/water) Water

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 12:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163843BS	PB163843BS	BF139626.D	10/03/2024
PB163843BSD	PB163843BSD	BF139627.D	10/03/2024
A1403	P4235-02	BF139632.D	10/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4214-02MS		Client Sample ID: CONCRETE-WC-1MS		DataFile: BF139634.D							
n-Nitrosodimethylamine	500		510	ug/L	102				10	130	
Pyridine	500		430	ug/L	86				10	109	
Benzaldehyde	500		60.2	ug/L	12				10	137	
Aniline	500		380	ug/L	76				10	130	
Phenol	500		450	ug/L	90				10	130	
bis(2-Chloroethyl)ether	500		500	ug/L	100				29	141	
2-Chlorophenol	500		520	ug/L	104				23	127	
1,2-Dichlorobenzene	500		500	ug/L	100				61	114	
1,3-Dichlorobenzene	500		480	ug/L	96				65	106	
1,4-Dichlorobenzene	500		490	ug/L	98				55	125	
Benzyl Alcohol	500		540	ug/L	108	*			31	94	
2-Methylphenol	500		490	ug/L	98				37	126	
2,2-oxybis(1-Chloropropane)	500		510	ug/L	102				36	141	
Acetophenone	500		510	ug/L	102				31	164	
3+4-Methylphenols	500		490	ug/L	98				31	127	
N-Nitroso-di-n-propylamine	500		500	ug/L	100				36	147	
Hexachloroethane	500		500	ug/L	100				49	110	
Nitrobenzene	500		510	ug/L	102				62	112	
Isophorone	500		520	ug/L	104				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500		630	ug/L	126				17	143	
bis(2-Chloroethoxy)methane	500		510	ug/L	102				39	143	
2,4-Dichlorophenol	500		510	ug/L	102				22	146	
1,2,4-Trichlorobenzene	500		490	ug/L	98				66	110	
Benzoic acid	500		540	ug/L	108	*			10	101	
Naphthalene	500		500	ug/L	100				17	157	
4-Chloroaniline	500		140	ug/L	28				10	95	
Hexachlorobutadiene	500		490	ug/L	98				52	125	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		510	ug/L	102				17	148	
2-Methylnaphthalene	500		500	ug/L	100				38	146	
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*			20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500		520	ug/L	104				71	111	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		500	ug/L	100				41	145	
2-Nitroaniline	500		540	ug/L	108				39	151	
Dimethylphthalate	500		520	ug/L	104				42	147	
Acenaphthylene	500		540	ug/L	108				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
3-Nitroaniline	500		330	ug/L	66				10	111	
Acenaphthene	500		580	ug/L	116				37	146	
Total PAH	8000		8710	ug/L	109				37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		980	ug/L	98				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500	43.5	520	ug/L	104				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103				50	142	
Diethylphthalate	500		510	ug/L	102				41	148	
4-Chlorophenyl-phenylether	500		490	ug/L	98				38	149	
Fluorene	500		510	ug/L	102				39	144	
4-Nitroaniline	500		490	ug/L	98				27	138	
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	
N-Nitrosodiphenylamine	500		530	ug/L	106				40	150	
Azobenzene	500		510	ug/L	102				72	112	
4-Bromophenyl-phenylether	500		510	ug/L	102				42	151	
Hexachlorobenzene	500		510	ug/L	102				72	115	
Atrazine	500		630	ug/L	126				20	162	
Pentachlorophenol	1000		1100	ug/L	106				25	139	
Phenanthrene	500		530	ug/L	106				40	147	
Anthracene	500		550	ug/L	110				41	146	
Carbazole	500		520	ug/L	104				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		500	ug/L	100				42	146	
Benzidine	1000		340	ug/L	34				10	130	
Pyrene	500		540	ug/L	108				41	149	
Butylbenzylphthalate	500		580	ug/L	116				39	155	
3,3-Dichlorobenzidine	500		420	ug/L	84				10	114	
Benzo(a)anthracene	500		540	ug/L	108				41	147	
Chrysene	500		540	ug/L	108				44	144	
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122				33	160	
Di-n-octyl phthalate	500		620	ug/L	124				36	158	
Benzo(b)fluoranthene	500		510	ug/L	102				40	150	
Benzo(k)fluoranthene	500		490	ug/L	98				40	147	
Benzo(a)pyrene	500		570	ug/L	114				42	147	
Indeno(1,2,3-cd)pyrene	500		620	ug/L	124				30	166	
Dibenz(a,h)anthracene	500		610	ug/L	122				23	172	
Benzo(g,h,i)perylene	500		580	ug/L	116				27	167	
1,2,4,5-Tetrachlorobenzene	500		500	ug/L	100				89	102	
1,4-Dioxane	500		470	ug/L	94				38	130	
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	
1-Methylnaphthalene	500		480	ug/L	96				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4214-02MSD		Client Sample ID: CONCRETE-WC-1MSD		DataFile: BF139635.D							
n-Nitrosodimethylamine	500		530	ug/L	106		4		10	130	20
Pyridine	500		440	ug/L	88		2		10	109	20
Benzaldehyde	500		60.5	ug/L	12		0		10	137	20
Aniline	500		390	ug/L	78		3		10	130	20
Phenol	500		460	ug/L	92		2		10	130	20
bis(2-Chloroethyl)ether	500		510	ug/L	102		2		29	141	20
2-Chlorophenol	500		530	ug/L	106		2		23	127	20
1,2-Dichlorobenzene	500		500	ug/L	100		0		61	114	20
1,3-Dichlorobenzene	500		490	ug/L	98		2		65	106	20
1,4-Dichlorobenzene	500		500	ug/L	100		2		55	125	20
Benzyl Alcohol	500		550	ug/L	110	*	2		31	94	20
2-Methylphenol	500		510	ug/L	102		4		37	126	20
2,2-oxybis(1-Chloropropane)	500		530	ug/L	106		4		36	141	20
Acetophenone	500		510	ug/L	102		0		31	164	20
3+4-Methylphenols	500		500	ug/L	100		2		31	127	20
N-Nitroso-di-n-propylamine	500		510	ug/L	102		2		36	147	20
Hexachloroethane	500		510	ug/L	102		2		49	110	20
Nitrobenzene	500		500	ug/L	100		2		62	112	20
Isophorone	500		520	ug/L	104		0		39	146	20
2-Nitrophenol	500		530	ug/L	106		0		30	148	20
2,4-Dimethylphenol	500		630	ug/L	126		0		17	143	20
bis(2-Chloroethoxy)methane	500		510	ug/L	102		0		39	143	20
2,4-Dichlorophenol	500		510	ug/L	102		0		22	146	20
1,2,4-Trichlorobenzene	500		490	ug/L	98		0		66	110	20
Benzoic acid	500		540	ug/L	108	*	0		10	101	20
Naphthalene	500		500	ug/L	100		0		17	157	20
4-Chloroaniline	500		140	ug/L	28		0		10	95	20
Hexachlorobutadiene	500		480	ug/L	96		2		52	125	20
Caprolactam	500		440	ug/L	88		0		10	130	20
4-Chloro-3-methylphenol	500		520	ug/L	104		2		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		2		38	146	20
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*	0		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		2		78	112	20
2,4,5-Trichlorophenol	500		510	ug/L	102		2		71	111	20
1,1-Biphenyl	500		510	ug/L	102		2		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		2		41	145	20
2-Nitroaniline	500		540	ug/L	108		0		39	151	20
Dimethylphthalate	500		530	ug/L	106		2		42	147	20
Acenaphthylene	500		550	ug/L	110		2		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102		0		43	148	20
3-Nitroaniline	500		340	ug/L	68		3		10	111	20
Acenaphthene	500		580	ug/L	116		0		37	146	20
Total PAH	8000		8790	ug/L	110		1		37	146	20
2,4-Dinitrophenol	1000		1200	ug/L	120		0		14	167	20
4-Nitrophenol	1000		1000	ug/L	100		2		10	130	20
Dibenzofuran	500		520	ug/L	104		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500	43.5	530	ug/L	106		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1040	ug/L	104		1		50	142	20
Diethylphthalate	500		520	ug/L	104		2		41	148	20
4-Chlorophenyl-phenylether	500		500	ug/L	100		2		38	149	20
Fluorene	500		510	ug/L	102		0		39	144	20
4-Nitroaniline	500		500	ug/L	100		2		27	138	20
4,6-Dinitro-2-methylphenol	500		590	ug/L	118		2		32	175	20
N-Nitrosodiphenylamine	500		540	ug/L	108		2		40	150	20
Azobenzene	500		520	ug/L	104		2		72	112	20
4-Bromophenyl-phenylether	500		510	ug/L	102		0		42	151	20
Hexachlorobenzene	500		520	ug/L	104		2		72	115	20
Atrazine	500		630	ug/L	126		0		20	162	20
Pentachlorophenol	1000		1100	ug/L	106		0		25	139	20
Phenanthrene	500		540	ug/L	108		2		40	147	20
Anthracene	500		550	ug/L	110		0		41	146	20
Carbazole	500		520	ug/L	104		0		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		2		40	151	20
Fluoranthene	500		510	ug/L	102		2		42	146	20
Benzydine	1000		350	ug/L	35		3		10	130	20
Pyrene	500		540	ug/L	108		0		41	149	20
Butylbenzylphthalate	500		580	ug/L	116		0		39	155	20
3,3-Dichlorobenzidine	500		430	ug/L	86		2		10	114	20
Benzo(a)anthracene	500		540	ug/L	108		0		41	147	20
Chrysene	500		540	ug/L	108		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		0		33	160	20
Di-n-octyl phthalate	500		620	ug/L	124		0		36	158	20
Benzo(b)fluoranthene	500		510	ug/L	102		0		40	150	20
Benzo(k)fluoranthene	500		520	ug/L	104		6		40	147	20
Benzo(a)pyrene	500		580	ug/L	116		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		620	ug/L	124		0		30	166	20
Dibenz(a,h)anthracene	500		620	ug/L	124		2		23	172	20
Benzo(g,h,i)perylene	500		580	ug/L	116		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		500	ug/L	100		0		89	102	20
1,4-Dioxane	500		480	ug/L	96		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110		2		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4190-04MS		Client Sample ID: TP-TMS		DataFile: BF139636.D							
n-Nitrosodimethylamine	500		470	ug/L	94				10	130	
Pyridine	500		380	ug/L	76				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		310	ug/L	62				10	130	
Phenol	500		430	ug/L	86				10	130	
bis(2-Chloroethyl)ether	500		450	ug/L	90				29	141	
2-Chlorophenol	500		490	ug/L	98				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		440	ug/L	88				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	
2-Methylphenol	500		470	ug/L	94				37	126	
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94				36	141	
Acetophenone	500		470	ug/L	94				31	164	
3+4-Methylphenols	500		470	ug/L	94				31	127	
N-Nitroso-di-n-propylamine	500		470	ug/L	94				36	147	
Hexachloroethane	500		440	ug/L	88				49	110	
Nitrobenzene	500		450	ug/L	90				62	112	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		490	ug/L	98				30	148	
2,4-Dimethylphenol	500		580	ug/L	116				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		480	ug/L	96				22	146	
1,2,4-Trichlorobenzene	500		430	ug/L	86				66	110	
Benzoic acid	500		450	ug/L	90				10	101	
Naphthalene	500		460	ug/L	92				17	157	
4-Chloroaniline	500		130	ug/L	26				10	95	
Hexachlorobutadiene	500		430	ug/L	86				52	125	
Caprolactam	500		430	ug/L	86				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		470	ug/L	94				38	146	
Hexachlorocyclopentadiene	1000		1700	ug/L	170	*			20	153	
2,4,6-Trichlorophenol	500		490	ug/L	98				78	112	
2,4,5-Trichlorophenol	500		480	ug/L	96				71	111	
1,1-Biphenyl	500		470	ug/L	94				38	154	
2-Chloronaphthalene	500		470	ug/L	94				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		500	ug/L	100				42	147	
Acenaphthylene	500		510	ug/L	102				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		270	ug/L	54				10	111	
Acenaphthene	500		540	ug/L	108				37	146	
Total PAH	8000		8120	ug/L	102				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		910	ug/L	91				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96				50	142	
2,4-Dinitrotoluene	500		490	ug/L	98				50	142	
Diethylphthalate	500		480	ug/L	96				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		460	ug/L	92				27	138	
4,6-Dinitro-2-methylphenol	500		520	ug/L	104				32	175	
N-Nitrosodiphenylamine	500		480	ug/L	96				40	150	
Azobenzene	500		480	ug/L	96				72	112	
4-Bromophenyl-phenylether	500		470	ug/L	94				42	151	
Hexachlorobenzene	500		460	ug/L	92				72	115	
Atrazine	500		510	ug/L	102				20	162	
Pentachlorophenol	1000	130	1000	ug/L	87				25	139	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		480	ug/L	96				40	151	
Fluoranthene	500		470	ug/L	94				42	146	
Benzydine	1000		270	ug/L	27				10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		540	ug/L	108				39	155	
3,3-Dichlorobenzidine	500		360	ug/L	72				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		480	ug/L	96				44	144	
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114				33	160	
Di-n-octyl phthalate	500		560	ug/L	112				36	158	
Benzo(b)fluoranthene	500		490	ug/L	98				40	150	
Benzo(k)fluoranthene	500		450	ug/L	90				40	147	
Benzo(a)pyrene	500		530	ug/L	106				42	147	
Indeno(1,2,3-cd)pyrene	500		580	ug/L	116				30	166	
Dibenz(a,h)anthracene	500		580	ug/L	116				23	172	
Benzo(g,h,i)perylene	500		540	ug/L	108				27	167	
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94				89	102	
1,4-Dioxane	500		420	ug/L	84				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4190-04MSD	Client Sample ID:	TP-TMSD					DataFile:	BF139637.D		
n-Nitrosodimethylamine	500		500	ug/L	100		6		10	130	20
Pyridine	500		400	ug/L	80		5		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		330	ug/L	66		6		10	130	20
Phenol	500		460	ug/L	92		7		10	130	20
bis(2-Chloroethyl)ether	500		480	ug/L	96		6		29	141	20
2-Chlorophenol	500		510	ug/L	102		4		23	127	20
1,2-Dichlorobenzene	500		470	ug/L	94		4		61	114	20
1,3-Dichlorobenzene	500		460	ug/L	92		7		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		2		55	125	20
Benzyl Alcohol	500		530	ug/L	106	*	6		31	94	20
2-Methylphenol	500		500	ug/L	100		6		37	126	20
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98		4		36	141	20
Acetophenone	500		490	ug/L	98		4		31	164	20
3+4-Methylphenols	500		490	ug/L	98		4		31	127	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		4		36	147	20
Hexachloroethane	500		450	ug/L	90		2		49	110	20
Nitrobenzene	500		480	ug/L	96		6		62	112	20
Isophorone	500		500	ug/L	100		6		39	146	20
2-Nitrophenol	500		510	ug/L	102		4		30	148	20
2,4-Dimethylphenol	500		620	ug/L	124		7		17	143	20
bis(2-Chloroethoxy)methane	500		490	ug/L	98		6		39	143	20
2,4-Dichlorophenol	500		510	ug/L	102		6		22	146	20
1,2,4-Trichlorobenzene	500		460	ug/L	92		7		66	110	20
Benzoic acid	500		480	ug/L	96		6		10	101	20
Naphthalene	500		480	ug/L	96		4		17	157	20
4-Chloroaniline	500		130	ug/L	26		0		10	95	20
Hexachlorobutadiene	500		460	ug/L	92		7		52	125	20
Caprolactam	500		440	ug/L	88		2		10	130	20
4-Chloro-3-methylphenol	500		500	ug/L	100		4		17	148	20
2-Methylnaphthalene	500		490	ug/L	98		4		38	146	20
Hexachlorocyclopentadiene	1000		1800	ug/L	180	*	6		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		8		78	112	20
2,4,5-Trichlorophenol	500		510	ug/L	102		6		71	111	20
1,1-Biphenyl	500		510	ug/L	102		8		38	154	20
2-Chloronaphthalene	500		500	ug/L	100		6		41	145	20
2-Nitroaniline	500		540	ug/L	108		8		39	151	20
Dimethylphthalate	500		530	ug/L	106		6		42	147	20
Acenaphthylene	500		540	ug/L	108		6		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102		8		43	148	20
3-Nitroaniline	500		290	ug/L	58		7		10	111	20
Acenaphthene	500		580	ug/L	116		7		37	146	20
Total PAH	8000		8600	ug/L	108		6		37	146	20
2,4-Dinitrophenol	1000		1200	ug/L	120		9		14	167	20
4-Nitrophenol	1000		960	ug/L	96		5		10	130	20
Dibenzofuran	500		520	ug/L	104		8		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1040	ug/L	104		8		50	142	20
2,4-Dinitrotoluene	500		530	ug/L	106		8		50	142	20
Diethylphthalate	500		510	ug/L	102		6		41	148	20
4-Chlorophenyl-phenylether	500		490	ug/L	98		4		38	149	20
Fluorene	500		510	ug/L	102		8		39	144	20
4-Nitroaniline	500		490	ug/L	98		6		27	138	20
4,6-Dinitro-2-methylphenol	500		560	ug/L	112		7		32	175	20
N-Nitrosodiphenylamine	500		510	ug/L	102		6		40	150	20
Azobenzene	500		510	ug/L	102		6		72	112	20
4-Bromophenyl-phenylether	500		500	ug/L	100		6		42	151	20
Hexachlorobenzene	500		500	ug/L	100		8		72	115	20
Atrazine	500		530	ug/L	106		4		20	162	20
Pentachlorophenol	1000	130	1100	ug/L	97		11		25	139	20
Phenanthrene	500		520	ug/L	104		4		40	147	20
Anthracene	500		530	ug/L	106		4		41	146	20
Carbazole	500		500	ug/L	100		4		37	154	20
Di-n-butylphthalate	500		510	ug/L	102		6		40	151	20
Fluoranthene	500		490	ug/L	98		4		42	146	20
Benzydine	1000		260	ug/L	26		4		10	130	20
Pyrene	500		540	ug/L	108		6		41	149	20
Butylbenzylphthalate	500		580	ug/L	116		7		39	155	20
3,3-Dichlorobenzidine	500		370	ug/L	74		3		10	114	20
Benzo(a)anthracene	500		530	ug/L	106		6		41	147	20
Chrysene	500		520	ug/L	104		8		44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		7		33	160	20
Di-n-octyl phthalate	500		600	ug/L	120		7		36	158	20
Benzo(b)fluoranthene	500		510	ug/L	102		4		40	150	20
Benzo(k)fluoranthene	500		500	ug/L	100		11		40	147	20
Benzo(a)pyrene	500		570	ug/L	114		7		42	147	20
Indeno(1,2,3-cd)pyrene	500		610	ug/L	122		5		30	166	20
Dibenz(a,h)anthracene	500		610	ug/L	122		5		23	172	20
Benzo(g,h,i)perylene	500		560	ug/L	112		4		27	167	20
1,2,4,5-Tetrachlorobenzene	500		500	ug/L	100		6		89	102	20
1,4-Dioxane	500		450	ug/L	90		7		38	130	20
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110		6		91	111	20
1-Methylnaphthalene	500		470	ug/L	94		7		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4204-02	BP-RW5FRACTANBF139633.D		2-Fluorophenol	150	56.24	37		10	139
			Phenol-d6	150	35.30	24		10	134
			Nitrobenzene-d5	100	85.49	85		49	133
			2-Fluorobiphenyl	100	82.61	83		52	132
			2,4,6-Tribromophenol	150	129.72	86		44	137
			Terphenyl-d14	100	89.29	89		48	125
PB163732BL	PB163732BL	BF139621.D	2-Fluorophenol	150	133.56	89		10	139
			Phenol-d6	150	129.91	87		10	134
			Nitrobenzene-d5	100	87.38	87		49	133
			2-Fluorobiphenyl	100	84.54	85		52	132
			2,4,6-Tribromophenol	150	134.37	90		44	137
			Terphenyl-d14	100	80.43	80		48	125
PB163732BS	PB163732BS	BF139623.D	2-Fluorophenol	150	141.07	94		10	139
			Phenol-d6	150	141.08	94		10	134
			Nitrobenzene-d5	100	92.98	93		49	133
			2-Fluorobiphenyl	100	89.11	89		52	132
			2,4,6-Tribromophenol	150	136.23	91		44	137
			Terphenyl-d14	100	101.24	101		48	125
PB163732BSD	PB163732BSD	BF139624.D	2-Fluorophenol	150	142.01	95		10	139
			Phenol-d6	150	142.27	95		10	134
			Nitrobenzene-d5	100	91.35	91		49	133
			2-Fluorobiphenyl	100	89.30	89		52	132
			2,4,6-Tribromophenol	150	138.80	93		44	137
			Terphenyl-d14	100	101.25	101		48	125

Surrogate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4190-04MS	TP-TMS	BF139636.D	2-Fluorophenol	150	130.20	87		10	139
			Phenol-d6	150	121.47	81		10	134
			Nitrobenzene-d5	100	93.78	94		49	133
			2-Fluorobiphenyl	100	91.16	91		52	132
			2,4,6-Tribromophenol	150	136.77	91		44	137
			Terphenyl-d14	100	101.93	102		48	125
P4190-04MSD	TP-TMSD	BF139637.D	2-Fluorophenol	150	135.74	90		10	139
			Phenol-d6	150	127.06	85		10	134
			Nitrobenzene-d5	100	99.37	99		49	133
			2-Fluorobiphenyl	100	98.67	99		52	132
			2,4,6-Tribromophenol	150	145.07	97		44	137
			Terphenyl-d14	100	107.99	108		48	125

Surrogate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4232-01	TP-R	BF139639.D	2-Fluorophenol	150	102.50	68		18	112
			Phenol-d6	150	100.68	67		15	107
			Nitrobenzene-d5	100	67.91	68		18	107
			2-Fluorobiphenyl	100	69.40	69		20	109
			2,4,6-Tribromophenol	150	94.73	63		10	116
			Terphenyl-d14	100	67.47	67		10	105
P4236-05	TP3	BF139640.D	2-Fluorophenol	150	98.59	66		18	112
			Phenol-d6	150	96.64	64		15	107
			Nitrobenzene-d5	100	64.17	64		18	107
			2-Fluorobiphenyl	100	66.98	67		20	109
			2,4,6-Tribromophenol	150	90.51	60		10	116
			Terphenyl-d14	100	65.50	65		10	105
P4236-09	TP1	BF139641.D	2-Fluorophenol	150	100.08	67		18	112
			Phenol-d6	150	98.18	65		15	107
			Nitrobenzene-d5	100	65.89	66		18	107
			2-Fluorobiphenyl	100	63.07	63		20	109
			2,4,6-Tribromophenol	150	91.99	61		10	116
			Terphenyl-d14	100	62.47	62		10	105
P4236-13	TP2	BF139638.D	2-Fluorophenol	150	78.46	52		18	112
			Phenol-d6	150	75.98	51		15	107
			Nitrobenzene-d5	100	51.34	51		18	107
			2-Fluorobiphenyl	100	50.26	50		20	109
			2,4,6-Tribromophenol	150	69.24	46		10	116
			Terphenyl-d14	100	45.07	45		10	105
PB163811BS	PB163811BS	BF139622.D	2-Fluorophenol	150	139.73	93		18	112
			Phenol-d6	150	138.46	92		15	107
			Nitrobenzene-d5	100	92.39	92		18	107
			2-Fluorobiphenyl	100	88.54	89		20	109
			2,4,6-Tribromophenol	150	140.73	94		10	116
			Terphenyl-d14	100	100.75	101		10	105

Surrogate Summary

SW-846

SDG No.: **BF100324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4214-02MS	CONCRETE-WC-1	BF139634.D	2-Fluorophenol	150	132.44	88		10	139
			Phenol-d6	150	120.96	81		10	134
			Nitrobenzene-d5	100	99.22	99		49	133
			2-Fluorobiphenyl	100	94.20	94		52	132
			2,4,6-Tribromophenol	150	141.85	95		44	137
			Terphenyl-d14	100	106.58	107		48	125
P4214-02MSD	CONCRETE-WC-1	BF139635.D	2-Fluorophenol	150	134.60	90		10	139
			Phenol-d6	150	124.48	83		10	134
			Nitrobenzene-d5	100	98.82	99		49	133
			2-Fluorobiphenyl	100	95.17	95		52	132
			2,4,6-Tribromophenol	150	145.54	97		44	137
			Terphenyl-d14	100	105.94	106		48	125
PB163746TB	PB163746TB	BF139631.D	2-Fluorophenol	150	150.80	101		10	139
			Phenol-d6	150	146.74	98		10	134
			Nitrobenzene-d5	100	99.48	99		49	133
			2-Fluorobiphenyl	100	96.32	96		52	132
			2,4,6-Tribromophenol	150	149.84	100		44	137
			Terphenyl-d14	100	98.69	99		48	125
PB163805TB	PB163805TB	BF139630.D	2-Fluorophenol	150	151.37	101		10	139
			Phenol-d6	150	146.73	98		10	134
			Nitrobenzene-d5	100	99.85	100		49	133
			2-Fluorobiphenyl	100	96.57	97		52	132
			2,4,6-Tribromophenol	150	151.82	101		44	137
			Terphenyl-d14	100	100.05	100		48	125
PB163825BL	PB163825BL	BF139628.D	2-Fluorophenol	150	138.75	93		10	139
			Phenol-d6	150	137.25	92		10	134
			Nitrobenzene-d5	100	90.94	91		49	133
			2-Fluorobiphenyl	100	89.35	89		52	132
			2,4,6-Tribromophenol	150	142.77	95		44	137
			Terphenyl-d14	100	92.20	92		48	125
PB163825BS	PB163825BS	BF139629.D	2-Fluorophenol	150	142.40	95		10	139
			Phenol-d6	150	142.97	95		10	134
			Nitrobenzene-d5	100	93.49	93		49	133
			2-Fluorobiphenyl	100	92.79	93		52	132
			2,4,6-Tribromophenol	150	143.48	96		44	137
			Terphenyl-d14	100	104.35	104		48	125

Surrogate Summary

SW-846

SDG No.: **BF100324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4235-02	A1403	BF139632.D	2-Fluorophenol	150	77.45	52		10	139
			Phenol-d6	150	46.83	31		10	134
			Nitrobenzene-d5	100	102.49	102		49	133
			2-Fluorobiphenyl	100	98.91	99		52	132
			2,4,6-Tribromophenol	150	137.13	91		44	137
			Terphenyl-d14	100	93.78	94		48	125
PB163843BL	PB163843BL	BF139625.D	2-Fluorophenol	150	136.74	91		10	139
			Phenol-d6	150	132.00	88		10	134
			Nitrobenzene-d5	100	88.47	88		49	133
			2-Fluorobiphenyl	100	84.86	85		52	132
			2,4,6-Tribromophenol	150	135.53	90		44	137
			Terphenyl-d14	100	82.20	82		48	125
PB163843BS	PB163843BS	BF139626.D	2-Fluorophenol	150	126.71	84		10	139
			Phenol-d6	150	127.00	85		10	134
			Nitrobenzene-d5	100	83.58	84		49	133
			2-Fluorobiphenyl	100	80.28	80		52	132
			2,4,6-Tribromophenol	150	125.81	84		44	137
			Terphenyl-d14	100	90.66	91		48	125
PB163843BSD	PB163843BSD	BF139627.D	2-Fluorophenol	150	136.63	91		10	139
			Phenol-d6	150	137.66	92		10	134
			Nitrobenzene-d5	100	89.75	90		49	133
			2-Fluorobiphenyl	100	87.27	87		52	132
			2,4,6-Tribromophenol	150	136.71	91		44	137
			Terphenyl-d14	100	100.00	100		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100324

Lab Code: CHEM

SAS No.: BF100324 SDG NO.: BF100324

Lab File ID: BF139619.D

DFTPP Injection Date: 10/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF139620.D	10/03/2024	09:56
PB163732BL	PB163732BL	BF139621.D	10/03/2024	10:24
PB163811BS	PB163811BS	BF139622.D	10/03/2024	10:52
PB163732BS	PB163732BS	BF139623.D	10/03/2024	11:19
PB163732BSD	PB163732BSD	BF139624.D	10/03/2024	11:48
PB163843BL	PB163843BL	BF139625.D	10/03/2024	12:16
PB163843BS	PB163843BS	BF139626.D	10/03/2024	12:44
PB163843BSD	PB163843BSD	BF139627.D	10/03/2024	13:12
PB163825BL	PB163825BL	BF139628.D	10/03/2024	13:40
PB163825BS	PB163825BS	BF139629.D	10/03/2024	14:08
PB163805TB	PB163805TB	BF139630.D	10/03/2024	14:37
PB163746TB	PB163746TB	BF139631.D	10/03/2024	15:05
A1403	P4235-02	BF139632.D	10/03/2024	15:37
BP-RW5FRACTANKSED-20240925	P4204-02	BF139633.D	10/03/2024	16:05
CONCRETE-WC-1MS	P4214-02MS	BF139634.D	10/03/2024	16:33
CONCRETE-WC-1MSD	P4214-02MSD	BF139635.D	10/03/2024	17:01
TP-TMS	P4190-04MS	BF139636.D	10/03/2024	17:29
TP-TMSD	P4190-04MSD	BF139637.D	10/03/2024	17:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100324

Lab Code: CHEM

SAS No.: BF100324

SDG NO.: BF100324

Lab File ID: BF139619.D

DFTPP Injection Date: 10/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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
TP2	P4236-13	BF139638.D	10/03/2024	18:26
TP-R	P4232-01	BF139639.D	10/03/2024	18:54
TP3	P4236-05	BF139640.D	10/03/2024	19:22
TP1	P4236-09	BF139641.D	10/03/2024	19:50
SSTDCCC040EC	SSTDCCC040	BF139642.D	10/03/2024	20:46