

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG No.: BF120924

Instrument ID: BNA_F Calibration Date/Time: 12/9/2024 1:12:21

Lab File ID: BF140783.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	0.637	0.663		4.082	
Pyridine	1.084	1.222		12.731	
2-Fluorophenol	1.172	1.252		6.826	
Benzaldehyde	0.820	0.777		-5.244	
Aniline	1.091	1.285		17.782	
Phenol-d6	1.550	1.644		6.065	
Phenol	1.583	1.729		9.223	20.0
bis(2-Chloroethyl) ether	1.211	1.284		6.028	
2-Chlorophenol	1.261	1.362		8.01	
1,2-Dichlorobenzene	1.344	1.421		5.729	
1,3-Dichlorobenzene	1.417	1.487		4.94	
1,4-Dichlorobenzene	1.435	1.524		6.202	20.0
Benzyl Alcohol	1.149	1.182		2.872	
2-Methylphenol	1.010	1.067		5.644	
2,2-oxybis(1-Chloropropane)	1.431	1.462		2.166	
Acetophenone	0.488	0.510		4.508	
3+4-Methylphenols	1.298	1.393		7.319	
n-Nitroso-di-n-propylamine	0.916	0.933	0.050	1.856	
Nitrobenzene-d5	0.391	0.405		3.581	
Hexachloroethane	0.536	0.553		3.172	
Nitrobenzene	0.404	0.419		3.713	
Isophorone	0.652	0.669		2.607	
2-Nitrophenol	0.179	0.193		7.821	20.0
2,4-Dimethylphenol	0.214	0.242		13.084	
bis(2-Chloroethoxy) methane	0.397	0.410		3.275	
2,4-Dichlorophenol	0.284	0.306		7.746	20.0
1,2,4-Trichlorobenzene	0.324	0.342		5.556	
Benzoic acid	0.164	0.199		21.341	
Naphthalene	1.030	1.084		5.243	
4-Chloroaniline	0.308	0.350		13.636	
Hexachlorobutadiene	0.215	0.221		2.791	20.0
Caprolactam	0.088	0.096		9.091	
4-Chloro-3-methylphenol	0.318	0.339		6.604	20.0
2-Methylnaphthalene	0.654	0.686		4.893	
Hexachlorocyclopentadiene	0.107	0.093	0.050	-13.084	
2,4,6-Trichlorophenol	0.367	0.387		5.45	20.0
2-Fluorobiphenyl	1.342	1.398		4.173	
2,4,5-Trichlorophenol	0.399	0.423		6.015	
1,1-Biphenyl	1.493	1.561		4.555	

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Lab File ID: BF140783.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.131	1.196		5.747	
2-Nitroaniline	0.363	0.389		7.163	
Dimethylphthalate	1.317	1.364		3.569	
Acenaphthylene	1.710	1.810		5.848	
2,6-Dinitrotoluene	0.299	0.321		7.358	
3-Nitroaniline	0.292	0.333		14.041	
Acenaphthene	1.086	1.135		4.512	20.0
2,4-Dinitrophenol	0.122	0.184	0.050	50.82	
4-Nitrophenol	0.199	0.291	0.050	46.231	
Dibenzofuran	1.657	1.724		4.043	
2,4-Dinitrotoluene	0.397	0.431		8.564	
Diethylphthalate	1.338	1.355		1.271	
4-Chlorophenyl-phenylether	0.653	0.672		2.91	
Fluorene	1.330	1.417		6.541	
4-Nitroaniline	0.306	0.358		16.993	
4,6-Dinitro-2-methylphenol	0.102	0.124		21.569	
n-Nitrosodiphenylamine	0.591	0.617		4.399	20.0
Azobenzene	1.267	1.296		2.289	
2,4,6-Tribromophenol	0.214	0.229		7.009	
4-Bromophenyl-phenylether	0.206	0.214		3.883	
Hexachlorobenzene	0.238	0.251		5.462	
Atrazine	0.166	0.133		-19.88	
Pentachlorophenol	0.105	0.101		-3.81	20.0
Phenanthrene	0.961	1.015		5.619	
Anthracene	0.940	1.016		8.085	
Carbazole	0.905	1.008		11.381	
Di-n-butylphthalate	1.044	1.069		2.395	
Fluoranthene	1.044	1.160		11.111	20.0
Benzidine	0.581	0.764		31.497	
Pyrene	1.849	1.922		3.948	
Terphenyl-d14	1.284	1.290		0.467	
Butylbenzylphthalate	0.666	0.652		-2.102	
3,3-Dichlorobenzidine	0.397	0.429		8.06	
Benzo(a)anthracene	1.324	1.384		4.532	
Chrysene	1.211	1.274		5.202	
Bis(2-ethylhexyl)phthalate	0.841	0.740		-12.01	
Di-n-octyl phthalate	1.150	0.959		-16.609	20.0
Benzo(b)fluoranthene	1.256	1.432		14.013	
Benzo(k)fluoranthene	1.099	1.064		-3.185	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG No.: BF120924

Instrument ID: BNA_F Calibration Date/Time: 12/9/2024 12:21

Lab File ID: BF140783.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	1.021	1.084		6.17	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.386		6.37	
Dibenzo(a,h)anthracene	1.067	1.139		6.748	
Benzo(g,h,i)perylene	1.089	1.196		9.826	
1,2,4,5-Tetrachlorobenzene	0.586	0.615		4.949	
1,4-Dioxane	0.493	0.543		10.142	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.341		11.438	
1-Methylnaphthalene	0.641	0.676		5.46	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG No.: BF120924

Instrument ID: BNA_F Calibration Date/Time: 12/9/2024 1:16:54

Lab File ID: BF140793.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	0.637	0.630		-1.099	50.0
Pyridine	1.084	1.173		8.21	50.0
2-Fluorophenol	1.172	1.228		4.778	50.0
Benzaldehyde	0.820	0.806		-1.707	50.0
Aniline	1.091	1.112		1.925	50.0
Phenol-d6	1.550	1.606		3.613	50.0
Phenol	1.583	1.645		3.917	50.0
bis(2-Chloroethyl) ether	1.211	1.280		5.698	50.0
2-Chlorophenol	1.261	1.333		5.71	50.0
1,2-Dichlorobenzene	1.344	1.407		4.688	50.0
1,3-Dichlorobenzene	1.417	1.488		5.011	50.0
1,4-Dichlorobenzene	1.435	1.476		2.857	50.0
Benzyl Alcohol	1.149	1.126		-2.002	50.0
2-Methylphenol	1.010	1.044		3.366	50.0
2,2-oxybis(1-Chloropropane)	1.431	1.436		0.349	50.0
Acetophenone	0.488	0.502		2.869	50.0
3+4-Methylphenols	1.298	1.345		3.621	50.0
n-Nitroso-di-n-propylamine	0.916	0.910	0.050	-0.655	50.0
Nitrobenzene-d5	0.391	0.408		4.348	50.0
Hexachloroethane	0.536	0.552		2.985	50.0
Nitrobenzene	0.404	0.417		3.218	50.0
Isophorone	0.652	0.682		4.601	50.0
2-Nitrophenol	0.179	0.196		9.497	50.0
2,4-Dimethylphenol	0.214	0.236		10.28	50.0
bis(2-Chloroethoxy) methane	0.397	0.422		6.297	50.0
2,4-Dichlorophenol	0.284	0.308		8.451	50.0
1,2,4-Trichlorobenzene	0.324	0.341		5.247	50.0
Benzoic acid	0.164	0.219		33.537	50.0
Naphthalene	1.030	1.091		5.922	50.0
4-Chloroaniline	0.308	0.317		2.922	50.0
Hexachlorobutadiene	0.215	0.223		3.721	50.0
Caprolactam	0.088	0.096		9.091	50.0
4-Chloro-3-methylphenol	0.318	0.337		5.975	50.0
2-Methylnaphthalene	0.654	0.693		5.963	50.0
Hexachlorocyclopentadiene	0.107	0.114	0.050	6.542	50.0
2,4,6-Trichlorophenol	0.367	0.392		6.812	50.0
2-Fluorobiphenyl	1.342	1.389		3.502	50.0
2,4,5-Trichlorophenol	0.399	0.417		4.511	50.0
1,1-Biphenyl	1.493	1.556		4.22	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.131	1.198		5.924	50.0
2-Nitroaniline	0.363	0.379		4.408	50.0
Dimethylphthalate	1.317	1.398		6.15	50.0
Acenaphthylene	1.710	1.754		2.573	50.0
2,6-Dinitrotoluene	0.299	0.318		6.355	50.0
3-Nitroaniline	0.292	0.317		8.562	50.0
Acenaphthene	1.086	1.129		3.959	50.0
2,4-Dinitrophenol	0.122	0.194	0.050	59.016	50.0
4-Nitrophenol	0.199	0.269	0.050	35.176	50.0
Dibenzofuran	1.657	1.711		3.259	50.0
2,4-Dinitrotoluene	0.397	0.432		8.816	50.0
Diethylphthalate	1.338	1.425		6.502	50.0
4-Chlorophenyl-phenylether	0.653	0.704		7.81	50.0
Fluorene	1.330	1.408		5.865	50.0
4-Nitroaniline	0.306	0.337		10.131	50.0
4,6-Dinitro-2-methylphenol	0.102	0.126		23.529	50.0
n-Nitrosodiphenylamine	0.591	0.611		3.384	50.0
Azobenzene	1.267	1.323		4.42	50.0
2,4,6-Tribromophenol	0.214	0.231		7.944	50.0
4-Bromophenyl-phenylether	0.206	0.219		6.311	50.0
Hexachlorobenzene	0.238	0.253		6.303	50.0
Atrazine	0.166	0.143		-13.855	50.0
Pentachlorophenol	0.105	0.100		-4.762	50.0
Phenanthrene	0.961	0.997		3.746	50.0
Anthracene	0.940	0.982		4.468	50.0
Carbazole	0.905	0.949		4.862	50.0
Di-n-butylphthalate	1.044	1.122		7.471	50.0
Fluoranthene	1.044	1.103		5.651	50.0
Benzidine	0.581	0.438		-24.613	50.0
Pyrene	1.849	1.938		4.813	50.0
Terphenyl-d14	1.284	1.333		3.816	50.0
Butylbenzylphthalate	0.666	0.679		1.952	50.0
3,3-Dichlorobenzidine	0.397	0.435		9.572	50.0
Benzo(a)anthracene	1.324	1.436		8.459	50.0
Chrysene	1.211	1.217		0.495	50.0
Bis(2-ethylhexyl)phthalate	0.841	0.826		-1.784	50.0
Di-n-octyl phthalate	1.150	1.246		8.348	50.0
Benzo(b)fluoranthene	1.256	1.321		5.175	50.0
Benzo(k)fluoranthene	1.099	1.098		-0.091	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.021	1.071		4.897	50.0
Indeno(1,2,3-cd)pyrene	1.303	1.550		18.956	50.0
Dibenzo(a,h)anthracene	1.067	1.283		20.244	50.0
Benzo(g,h,i)perylene	1.089	1.329		22.039	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.619		5.631	50.0
1,4-Dioxane	0.493	0.508		3.043	50.0
2,3,4,6-Tetrachlorophenol	0.306	0.356		16.34	50.0
1-Methylnaphthalene	0.641	0.680		6.084	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BL	SDG No.:	BF120924
Lab Sample ID:	PB165432BL	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
BF140784.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BL	SDG No.:	BF120924
Lab Sample ID:	PB165432BL	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
BF140784.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BL	SDG No.:	BF120924
Lab Sample ID:	PB165432BL	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
BF140784.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150.054		10-139		100	SPK: -150
13127-88-3	Phenol-d6	144.254		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	97.779		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	99.983		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BL	SDG No.:	BF120924
Lab Sample ID:	PB165432BL	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
BF140784.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.632		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	89.147		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69444	6.863				
1146-65-2	Naphthalene-d8	265288	8.145				
15067-26-2	Acenaphthene-d10	149935	9.898				
1517-22-2	Phenanthrene-d10	289301	11.392				
1719-03-5	Chrysene-d12	206484	14.045				
1520-96-3	Perylene-d12	167176	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4	J			2.193	
004744-10-9	Propane, 1,1-dimethoxy-	2.4	J			2.304	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	14	A			5.104	

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BS	SDG No.:	BF120924
Lab Sample ID:	PB165432BS	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
BF140785.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45		1	8	10	ug/L
110-86-1	Pyridine	48.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.9		4	8	10	ug/L
62-53-3	Aniline	49.7		1.6	4	5	ug/L
108-95-2	Phenol	49.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.8		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	46.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.7		1.4	4	5	ug/L
98-86-2	Acetophenone	46.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.3		1	4	5	ug/L
98-95-3	Nitrobenzene	43.9		1.3	4	5	ug/L
78-59-1	Isophorone	47.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.4		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		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	39.5		5.5	8	10	ug/L
91-20-3	Naphthalene	46.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BS	SDG No.:	BF120924
Lab Sample ID:	PB165432BS	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
BF140785.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.1		0.81	4	5	ug/L
Total PAH	Total PAH	798.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	87.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	85.3	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.4		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.4		0.98	4	5	ug/L
86-73-7	Fluorene	47.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.9		0.89	4	5	ug/L
103-33-3	Azobenzene	47.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.9		1.1	4	5	ug/L
1912-24-9	Atrazine	55		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BS	SDG No.:	BF120924
Lab Sample ID:	PB165432BS	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
BF140785.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.5		0.89	4	5	ug/L
120-12-7	Anthracene	51.6		1.1	4	5	ug/L
86-74-8	Carbazole	50.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	51.1		1.3	4	5	ug/L
92-87-5	Benzidine	33.4		4.1	8	10	ug/L
129-00-0	Pyrene	46.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	45.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.2		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	42.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	40		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	55.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.288		10-139		95	SPK: -150
13127-88-3	Phenol-d6	139.553		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	92.709		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	94.94		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BS	SDG No.:	BF120924
Lab Sample ID:	PB165432BS	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
BF140785.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.898		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	94.382		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74041	6.863				
1146-65-2	Naphthalene-d8	285606	8.145				
15067-26-2	Acenaphthene-d10	160534	9.904				
1517-22-2	Phenanthrene-d10	304861	11.398				
1719-03-5	Chrysene-d12	195558	14.051				
1520-96-3	Perylene-d12	141616	15.545				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BSD	SDG No.:	BF120924
Lab Sample ID:	PB165432BSD	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
BF140786.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.1		1	8	10	ug/L
110-86-1	Pyridine	48.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.7		4	8	10	ug/L
62-53-3	Aniline	48.7		1.6	4	5	ug/L
108-95-2	Phenol	51		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.5		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	48.1		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	47.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.7		1.4	4	5	ug/L
98-86-2	Acetophenone	48.2		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	49.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.2		1	4	5	ug/L
98-95-3	Nitrobenzene	45.6		1.3	4	5	ug/L
78-59-1	Isophorone	49.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	41.6		5.5	8	10	ug/L
91-20-3	Naphthalene	47.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	24.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BSD	SDG No.:	BF120924
Lab Sample ID:	PB165432BSD	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
BF140786.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.8		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	49.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.9		0.81	4	5	ug/L
Total PAH	Total PAH	815.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	94	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	88.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.4		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.3		0.98	4	5	ug/L
86-73-7	Fluorene	49.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.6		0.89	4	5	ug/L
103-33-3	Azobenzene	49.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.9		1.1	4	5	ug/L
1912-24-9	Atrazine	57.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BSD	SDG No.:	BF120924
Lab Sample ID:	PB165432BSD	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
BF140786.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.9	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	51		0.89	4	5	ug/L
120-12-7	Anthracene	53.5		1.1	4	5	ug/L
86-74-8	Carbazole	51.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	52.3		1.3	4	5	ug/L
92-87-5	Benzidine	35.8		4.1	8	10	ug/L
129-00-0	Pyrene	46.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	47.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.9		0.94	4	5	ug/L
218-01-9	Chrysene	50.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	42.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	57.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	43.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	145.407		10-139		97	SPK: -150
13127-88-3	Phenol-d6	141.579		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	95.274		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	96.374		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165432BSD	SDG No.:	BF120924
Lab Sample ID:	PB165432BSD	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
BF140786.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.827		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	96.137		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73193	6.863				
1146-65-2	Naphthalene-d8	278673	8.145				
15067-26-2	Acenaphthene-d10	158385	9.904				
1517-22-2	Phenanthrene-d10	302865	11.398				
1719-03-5	Chrysene-d12	197310	14.051				
1520-96-3	Perylene-d12	144540	15.551				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BL	SDG No.:	BF120924
Lab Sample ID:	PB165435BL	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
BF140787.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BL	SDG No.:	BF120924
Lab Sample ID:	PB165435BL	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
BF140787.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BL	SDG No.:	BF120924
Lab Sample ID:	PB165435BL	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
BF140787.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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	158.884		10-139		106	SPK: -150
13127-88-3	Phenol-d6	153.785		10-134		103	SPK: -150
4165-60-0	Nitrobenzene-d5	103.312		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	106.749		52-132		107	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BL	SDG No.:	BF120924
Lab Sample ID:	PB165435BL	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
BF140787.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.511		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	99.043		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64208	6.863				
1146-65-2	Naphthalene-d8	244060	8.145				
15067-26-2	Acenaphthene-d10	138194	9.898				
1517-22-2	Phenanthrene-d10	265718	11.392				
1719-03-5	Chrysene-d12	179670	14.045				
1520-96-3	Perylene-d12	141543	15.557				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BS	SDG No.:	BF120924
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.9		1	8	10	ug/L
110-86-1	Pyridine	46.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16		4	8	10	ug/L
62-53-3	Aniline	49.7		1.6	4	5	ug/L
108-95-2	Phenol	48.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47		1.4	4	5	ug/L
98-86-2	Acetophenone	47.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.2		1	4	5	ug/L
98-95-3	Nitrobenzene	45.1		1.3	4	5	ug/L
78-59-1	Isophorone	48.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.4		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	40.2		5.5	8	10	ug/L
91-20-3	Naphthalene	47.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BS	SDG No.:	BF120924
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.7		0.81	4	5	ug/L
Total PAH	Total PAH	798.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	91.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	86.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.7		0.98	4	5	ug/L
86-73-7	Fluorene	49		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.3		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	49.4		0.89	4	5	ug/L
103-33-3	Azobenzene	47.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.8		1.1	4	5	ug/L
1912-24-9	Atrazine	55.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BS	SDG No.:	BF120924
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.1		0.89	4	5	ug/L
120-12-7	Anthracene	52.1		1.1	4	5	ug/L
86-74-8	Carbazole	50.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	47.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	51.3		1.3	4	5	ug/L
92-87-5	Benzidine	34.8		4.1	8	10	ug/L
129-00-0	Pyrene	45.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	45.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.5		0.94	4	5	ug/L
218-01-9	Chrysene	50.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	40.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	53.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.9		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	141.077		10-139		94	SPK: -150
13127-88-3	Phenol-d6	137.637		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	94.003		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	97.187		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165435BS	SDG No.:	BF120924
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.039		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	94.431		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73132	6.863				
1146-65-2	Naphthalene-d8	268344	8.145				
15067-26-2	Acenaphthene-d10	151024	9.904				
1517-22-2	Phenanthrene-d10	291303	11.398				
1719-03-5	Chrysene-d12	190407	14.051				
1520-96-3	Perylene-d12	142298	15.557				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165390TB	SDG No.:	BF120924
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165390TB	SDG No.:	BF120924
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165390TB	SDG No.:	BF120924
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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	149.263		10-139		100	SPK: -150
13127-88-3	Phenol-d6	146.657		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	98.305		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	100.772		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165390TB	SDG No.:	BF120924
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.58		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	90.743		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81916	6.863				
1146-65-2	Naphthalene-d8	312242	8.145				
15067-26-2	Acenaphthene-d10	173398	9.898				
1517-22-2	Phenanthrene-d10	343254	11.392				
1719-03-5	Chrysene-d12	238978	14.045				
1520-96-3	Perylene-d12	186251	15.545				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	BF120924
Lab Sample ID:	P5117-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140790.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	BF120924
Lab Sample ID:	P5117-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140790.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	BF120924
Lab Sample ID:	P5117-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140790.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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	127.4		10-139		85	SPK: -150
13127-88-3	Phenol-d6	116.535		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	89.261		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	93.859		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	BF120924
Lab Sample ID:	P5117-02	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
BF140790.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.091		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	93.149		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73927	6.863				
1146-65-2	Naphthalene-d8	273491	8.145				
15067-26-2	Acenaphthene-d10	145627	9.898				
1517-22-2	Phenanthrene-d10	269317	11.392				
1719-03-5	Chrysene-d12	149997	14.045				
1520-96-3	Perylene-d12	152646	15.551				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MS	SDG No.:	BF120924
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		10.3	80	100	ug/L
110-86-1	Pyridine	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	160		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	390		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	460		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	440		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	410		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	460		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		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	410		11	40	50	ug/L
65-85-0	Benzoic acid	420		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	97		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MS	SDG No.:	BF120924
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	400		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	440		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	450		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	470		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	450		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	150		13.7	40	50	ug/L
83-32-9	Acenaphthene	480		8.1	40	50	ug/L
Total PAH	Total PAH	7470		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	870	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	720		20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	460		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	910		27.6	40	100	ug/L
84-66-2	Diethylphthalate	470		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	390		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	460		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	360		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MS	SDG No.:	BF120924
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	880	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	430		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	480		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	490		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	82.3	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	590		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	550		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	390		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	410		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	310		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	390		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	500		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.325		10-139		86	SPK: -150
13127-88-3	Phenol-d6	118.1		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	88.178		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.225		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MS	SDG No.:	BF120924
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.586		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	100.201		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79701	6.863				
1146-65-2	Naphthalene-d8	316728	8.145				
15067-26-2	Acenaphthene-d10	186143	9.904				
1517-22-2	Phenanthrene-d10	339098	11.392				
1719-03-5	Chrysene-d12	172761	14.051				
1520-96-3	Perylene-d12	180382	15.551				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MSD	SDG No.:	BF120924
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

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	390		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	170		16	40	50	ug/L
108-95-2	Phenol	470		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	540		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		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	460		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	530		16	80	100	ug/L
95-48-7	2-Methylphenol	530		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	540		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	540		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	510		12.7	40	50	ug/L
78-59-1	Isophorone	550		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	550		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	700		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	540		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	550		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	490		54.7	80	100	ug/L
91-20-3	Naphthalene	520		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	84.8		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	480		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MSD	SDG No.:	BF120924
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	450		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	540		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	550		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	550		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	540		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	580		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	160		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	8660		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	820	E	20	80	100	ug/L
132-64-9	Dibenzofuran	560		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	550		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100		27.6	40	100	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	560		9.8	40	50	ug/L
86-73-7	Fluorene	560		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	610		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		8.9	40	50	ug/L
103-33-3	Azobenzene	550		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	560		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	550		11.4	40	50	ug/L
1912-24-9	Atrazine	410		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MSD	SDG No.:	BF120924
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	990	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	570		8.9	40	50	ug/L
120-12-7	Anthracene	600		10.7	40	50	ug/L
86-74-8	Carbazole	530		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	580		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	570		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	100		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	580		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	640		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	620		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	640		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	340		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550		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	610		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	149.792		10-139		100	SPK: -150
13127-88-3	Phenol-d6	136.053		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	108.283		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	111.582		52-132		112	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764MSD	SDG No.:	BF120924
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.282		44-137		111	SPK: -150
1718-51-0	Terphenyl-d14	117.051		48-125		117	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63535	6.863				
1146-65-2	Naphthalene-d8	235636	8.145				
15067-26-2	Acenaphthene-d10	128638	9.904				
1517-22-2	Phenanthrene-d10	239472	11.392				
1719-03-5	Chrysene-d12	124543	14.045				
1520-96-3	Perylene-d12	130200	15.551				



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

Hit Summary Sheet
SW-846

SDG No.: BF120924

Client:

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

Total Concentration:



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024
Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.616	0.611	0.661	0.648	0.632	0.637	3.1
Pyridine		0.981	1.019	1.121	1.192	1.062	1.084	6.5
2-Fluorophenol		1.261	1.233	1.202	1.174	1.117	1.172	5.4
Benzaldehyde			1.007	0.970	0.738	0.752	0.820	19.6
Aniline		1.159	1.195	1.133	1.251	1.042	1.091	12.7
Phenol-d6		1.729	1.617	1.559	1.602	1.465	1.550	7.1
Phenol		1.723	1.648	1.620	1.667	1.514	1.583	7.0
bis(2-Chloroethyl)ether		1.292	1.242	1.214	1.246	1.146	1.211	4.6
2-Chlorophenol		1.385	1.328	1.278	1.283	1.201	1.261	6.5
1,2-Dichlorobenzene		1.503	1.434	1.375	1.355	1.268	1.344	7.7
1,3-Dichlorobenzene		1.600	1.493	1.433	1.399	1.345	1.417	7.3
1,4-Dichlorobenzene		1.613	1.501	1.456	1.428	1.358	1.435	7.0
Benzyl Alcohol		1.234	1.174	1.161	1.224	1.113	1.149	6.0
2-Methylphenol		1.121	1.034	1.033	1.042	0.956	1.010	6.7
2,2-oxybis(1-Chloropropane)		1.650	1.480	1.434	1.463	1.335	1.431	8.4
Acetophenone		0.536	0.511	0.494	0.481	0.463	0.488	5.7
3+4-Methylphenols		1.495	1.362	1.305	1.347	1.211	1.298	9.0
n-Nitroso-di-n-propylamine	0.972	1.002	0.949	0.916	0.946	0.856	0.916	6.8
Nitrobenzene-d5		0.409	0.403	0.395	0.392	0.377	0.391	3.2
Hexachloroethane		0.598	0.545	0.549	0.537	0.514	0.536	6.2
Nitrobenzene		0.439	0.409	0.409	0.401	0.388	0.404	4.3
Isophorone		0.694	0.654	0.657	0.662	0.629	0.652	3.4
2-Nitrophenol		0.178	0.172	0.185	0.180	0.178	0.179	2.2
2,4-Dimethylphenol		0.221	0.214	0.213	0.224	0.204	0.214	3.4
bis(2-Chloroethoxy)methane		0.428	0.408	0.403	0.397	0.378	0.397	4.4
2,4-Dichlorophenol		0.301	0.291	0.290	0.282	0.277	0.284	3.8
1,2,4-Trichlorobenzene		0.342	0.338	0.332	0.317	0.317	0.324	3.9
Benzoic acid			0.101	0.126	0.177	0.185	0.164	24.7
Naphthalene		1.116	1.075	1.062	1.013	0.993	1.030	5.3
4-Chloroaniline		0.308	0.318	0.309	0.325	0.303	0.308	3.7
Hexachlorobutadiene		0.227	0.225	0.219	0.212	0.209	0.215	4.2
Caprolactam		0.091	0.091	0.091	0.090	0.085	0.088	4.0
4-Chloro-3-methylphenol		0.348	0.318	0.317	0.327	0.307	0.318	5.0
2-Methylnaphthalene		0.724	0.680	0.669	0.650	0.623	0.654	6.1
Hexachlorocyclopentadiene			0.055	0.090	0.114	0.121	0.107	27.8
2,4,6-Trichlorophenol		0.384	0.358	0.375	0.366	0.364	0.367	2.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024
Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D		RRF005 = BF140529.D		RRF010 = BF140530.D		
		RRF020 = BF140531.D		RRF040 = BF140532.D		RRF050 = BF140533.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.550	1.402	1.423	1.291	1.255	1.342	8.9
2,4,5-Trichlorophenol		0.402	0.396	0.410	0.404	0.390	0.399	1.8
1,1-Biphenyl		1.666	1.530	1.563	1.447	1.427	1.493	6.5
2-Chloronaphthalene		1.251	1.145	1.162	1.106	1.082	1.131	5.4
2-Nitroaniline		0.367	0.351	0.379	0.367	0.363	0.363	2.5
Dimethylphthalate		1.455	1.329	1.346	1.299	1.267	1.317	5.3
Acenaphthylene		1.890	1.765	1.808	1.662	1.628	1.710	6.6
2,6-Dinitrotoluene		0.314	0.299	0.307	0.301	0.291	0.299	3.2
3-Nitroaniline		0.307	0.297	0.309	0.300	0.289	0.292	5.7
Acenaphthene		1.182	1.110	1.134	1.063	1.052	1.086	5.3
2,4-Dinitrophenol			0.057	0.089	0.140	0.145	0.122	32.7
4-Nitrophenol			0.160	0.195	0.207	0.212	0.199	10.3
Dibenzofuran		1.898	1.739	1.739	1.622	1.559	1.657	8.5
2,4-Dinitrotoluene		0.403	0.403	0.416	0.404	0.386	0.397	3.2
Diethylphthalate		1.495	1.375	1.393	1.311	1.292	1.338	6.7
4-Chlorophenyl-phenylether		0.739	0.682	0.685	0.639	0.619	0.653	7.9
Fluorene		1.509	1.409	1.399	1.295	1.263	1.330	8.4
4-Nitroaniline		0.307	0.301	0.315	0.312	0.310	0.306	2.7
4,6-Dinitro-2-methylphenol			0.073	0.090	0.110	0.110	0.102	16.7
n-Nitrosodiphenylamine		0.632	0.618	0.597	0.578	0.577	0.591	4.4
Azobenzene		1.406	1.320	1.320	1.235	1.205	1.267	6.5
2,4,6-Tribromophenol		0.222	0.209	0.220	0.216	0.210	0.214	2.5
4-Bromophenyl-phenylether		0.218	0.215	0.206	0.200	0.200	0.206	3.8
Hexachlorobenzene		0.257	0.240	0.239	0.233	0.232	0.238	3.7
Atrazine		0.181	0.171	0.131	0.140	0.147	0.166	16.4
Pentachlorophenol			0.071	0.090	0.116	0.115	0.105	19.2
Phenanthrene		1.074	1.020	0.970	0.944	0.925	0.961	6.9
Anthracene		1.038	0.994	0.958	0.925	0.905	0.940	6.5
Carbazole		1.004	0.949	0.930	0.889	0.876	0.905	6.7
Di-n-butylphthalate		1.144	1.075	1.074	1.023	1.021	1.044	5.6
Fluoranthene		1.186	1.111	1.114	1.014	0.999	1.044	9.1
Benzidine		0.268	0.422	0.296	0.575	0.734	0.581	47.3
Pyrene		1.905	1.801	1.897	1.853	1.791	1.849	2.8
Terphenyl-d14		1.351	1.254	1.308	1.283	1.228	1.284	3.3
Butylbenzylphthalate		0.676	0.644	0.694	0.679	0.655	0.666	3.0
3,3-Dichlorobenzidine		0.375	0.383	0.393	0.413	0.406	0.397	4.0

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.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024 _____
Calibration Time(s): 11:13 _____

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.409	1.319	1.379	1.286	1.295	1.324	4.3
Chrysene		1.354	1.263	1.218	1.201	1.137	1.211	6.5
Bis(2-ethylhexyl)phthalate		0.904	0.828	0.862	0.833	0.824	0.841	4.0
Di-n-octyl phthalate		1.198	1.133	1.147	1.132	1.147	1.150	2.3
Benzo(b)fluoranthene		1.347	1.256	1.380	1.186	1.248	1.256	6.4
Benzo(k)fluoranthene		1.243	1.236	1.059	1.101	1.022	1.099	9.3
Benzo(a)pyrene		1.062	1.050	1.063	1.007	0.998	1.021	3.8
Indeno(1,2,3-cd)pyrene		1.209	1.283	1.299	1.304	1.306	1.303	4.5
Dibenzo(a,h)anthracene		1.015	1.038	1.063	1.068	1.075	1.067	3.9
Benzo(g,h,i)perylene		1.033	1.090	1.078	1.085	1.094	1.089	3.5
1,2,4,5-Tetrachlorobenzene		0.635	0.604	0.606	0.563	0.561	0.586	5.0
1,4-Dioxane		0.501	0.502	0.576	0.489	0.452	0.493	8.5
2,3,4,6-Tetrachlorophenol		0.307	0.296	0.308	0.312	0.305	0.306	1.7
1-Methylnaphthalene		0.707	0.665	0.659	0.638	0.611	0.641	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG NO.: BF120924

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 12:47

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	107516	6.875	413408	8.16	234407	9.92
UPPER LIMIT	215032	7.375	826816	8.657	468814	10.416
LOWER LIMIT	53758	6.375	206704	7.657	117203.5	9.416
EPA SAMPLE NO.						
01 PB165432BL	69444	6.86	265288	8.15	149935	9.90
02 PB165432BS	74041	6.86	285606	8.15	160534	9.90
03 PB165432BSD	73193	6.86	278673	8.15	158385	9.90
04 PB165435BL	64208	6.86	244060	8.15	138194	9.90
05 PB165435BS	73132	6.86	268344	8.15	151024	9.90
06 PB165390TB	81916	6.86	312242	8.15	173398	9.90
07 TAPIAL2-IDW-SOIL-120424-00-T2	73927	6.86	273491	8.15	145627	9.90
08 MH-764MS	79701	6.86	316728	8.15	186143	9.90
09 MH-764MSD	63535	6.86	235636	8.15	128638	9.90

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG NO.: BF120924

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BF140783.D Time Analyzed: 12:47

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	92885	6.863	346239	8.15	189814	9.90
UPPER LIMIT	185770	7.363	692478	8.645	379628	10.404
LOWER LIMIT	46442.5	6.363	173119.5	7.645	94907	9.404
EPA SAMPLE NO.						
01 PB165432BL	69444	6.86	265288	8.15	149935	9.90
02 PB165432BS	74041	6.86	285606	8.15	160534	9.90
03 PB165432BSD	73193	6.86	278673	8.15	158385	9.90
04 PB165435BL	64208	6.86	244060	8.15	138194	9.90
05 PB165435BS	73132	6.86	268344	8.15	151024	9.90
06 PB165390TB	81916	6.86	312242	8.15	173398	9.90
07 TAPIAL2-IDW-SOIL-120424-00-T2	73927	6.86	273491	8.15	145627	9.90
08 MH-764MS	79701	6.86	316728	8.15	186143	9.90
09 MH-764MSD	63535	6.86	235636	8.15	128638	9.90

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120924 SAS No.: BF120924 SDG NO.: BF120924

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 12:47

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	437466	11.404	239343	14.051	211422	15.539
UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
EPA SAMPLE NO.						
01 PB165432BL	289301	11.39	206484	14.05	167176	15.55
02 PB165432BS	304861	11.40	195558	14.05	141616	15.55
03 PB165432BSD	302865	11.40	197310	14.05	144540	15.55
04 PB165435BL	265718	11.39	179670	14.05	141543	15.56
05 PB165435BS	291303	11.40	190407	14.05	142298	15.56
06 PB165390TB	343254	11.39	238978	14.05	186251	15.55
07 TAPIAL2-IDW-SOIL-120424-00	269317	11.39	149997	14.05	152646	15.55
08 MH-764MS	339098	11.39	172761	14.05	180382	15.55
09 MH-764MSD	239472	11.39	124543	14.05	130200	15.55

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.: BF120924 SAS No.: BF120924 SDG NO.: BF120924

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BF140783.D Time Analyzed: 12:47

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	363500	11.398	224946	14.051	187010	15.551
UPPER LIMIT	727000	11.898	449892	14.551	374020	16.051
LOWER LIMIT	181750	10.898	112473	13.551	93505	15.051
EPA SAMPLE NO.						
01 PB165432BL	289301	11.39	206484	14.05	167176	15.55
02 PB165432BS	304861	11.40	195558	14.05	141616	15.55
03 PB165432BSD	302865	11.40	197310	14.05	144540	15.55
04 PB165435BL	265718	11.39	179670	14.05	141543	15.56
05 PB165435BS	291303	11.40	190407	14.05	142298	15.56
06 PB165390TB	343254	11.39	238978	14.05	186251	15.55
07 TAPIAL2-IDW-SOIL-120424-00	269317	11.39	149997	14.05	152646	15.55
08 MH-764MS	339098	11.39	172761	14.05	180382	15.55
09 MH-764MSD	239472	11.39	124543	14.05	130200	15.55

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.: **BF120924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165432BS	n-Nitrosodimethylamine	50	45	ug/L	90				55	108	
	Pyridine	50	48.2	ug/L	96				29	97	
	Benzaldehyde	50	13.9	ug/L	28				10	162	
	Aniline	50	49.7	ug/L	99				10	130	
	Phenol	50	49.8	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	50.6	ug/L	101				62	103	
	2-Chlorophenol	50	49.8	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	48.2	ug/L	96				72	102	
	1,3-Dichlorobenzene	50	46.7	ug/L	93				71	103	
	1,4-Dichlorobenzene	50	46.6	ug/L	93				76	103	
	Benzyl Alcohol	50	48.4	ug/L	97		*		36	93	
	2-Methylphenol	50	49.4	ug/L	99				69	109	
	2,2-oxybis(1-Chloropropane)	50	48.7	ug/L	97				65	100	
	Acetophenone	50	46.1	ug/L	92				60	104	
	3+4-Methylphenols	50	50.6	ug/L	101				67	106	
	N-Nitroso-di-n-propylamine	50	48.8	ug/L	98				57	107	
	Hexachloroethane	50	46.3	ug/L	93				76	118	
	Nitrobenzene	50	43.9	ug/L	88				58	106	
	Isophorone	50	47.9	ug/L	96				61	102	
	2-Nitrophenol	50	48.4	ug/L	97				70	115	
	2,4-Dimethylphenol	50	60.8	ug/L	122				42	142	
	bis(2-Chloroethoxy)methane	50	47	ug/L	94				58	109	
	2,4-Dichlorophenol	50	48.9	ug/L	98				66	115	
	1,2,4-Trichlorobenzene	50	45.2	ug/L	90				41	115	
	Benzoic acid	50	39.5	ug/L	79				10	125	
	Naphthalene	50	46.8	ug/L	94				64	107	
	4-Chloroaniline	50	27.1	ug/L	54				10	85	
	Hexachlorobutadiene	50	44.5	ug/L	89				69	101	
	Caprolactam	50	49.1	ug/L	98				58	128	
	4-Chloro-3-methylphenol	50	47.8	ug/L	96				65	114	
	2-Methylnaphthalene	50	48.6	ug/L	97				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	47.3	ug/L	95				61	110	
	2,4,5-Trichlorophenol	50	46.2	ug/L	92				70	106	
	1,1-Biphenyl	50	47.4	ug/L	95				72	98	
	2-Chloronaphthalene	50	45.9	ug/L	92				59	106	
	2-Nitroaniline	50	47.2	ug/L	94				73	114	
	Dimethylphthalate	50	48.4	ug/L	97				64	103	
	Acenaphthylene	50	50.8	ug/L	102				79	103	
	2,6-Dinitrotoluene	50	47	ug/L	94				64	110	
	3-Nitroaniline	50	31.3	ug/L	63				28	100	
	Acenaphthene	50	48.1	ug/L	96				59	113	
	Total PAH	800	798.1	ug/L	100				59	113	
	2,4-Dinitrophenol	100	87.8	ug/L	88				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165432BS	4-Nitrophenol	100	85.3	ug/L	85				45	147	
	Dibenzofuran	50	47.2	ug/L	94				65	106	
	2,4-Dinitrotoluene	50	47.4	ug/L	95				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	94.4	ug/L	94				60	115	
	Diethylphthalate	50	47.1	ug/L	94				63	105	
	4-Chlorophenyl-phenylether	50	48.4	ug/L	97				61	104	
	Fluorene	50	47.8	ug/L	96				64	107	
	4-Nitroaniline	50	47.8	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50	52.4	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50	48.9	ug/L	98				61	109	
	Azobenzene	50	47.8	ug/L	96				59	106	
	4-Bromophenyl-phenylether	50	48.4	ug/L	97				73	103	
	Hexachlorobenzene	50	46.9	ug/L	94				73	106	
	Atrazine	50	55	ug/L	110				76	120	
	Pentachlorophenol	100	84	ug/L	84				47	114	
	Phenanthrene	50	49.5	ug/L	99				62	109	
	Anthracene	50	51.6	ug/L	103				65	110	
	Carbazole	50	50.3	ug/L	101				62	106	
	Di-n-butylphthalate	50	48.3	ug/L	97				64	106	
	Fluoranthene	50	51.1	ug/L	102				64	110	
	Benzidine	100	33.4	ug/L	33				10	94	
	Pyrene	50	46.2	ug/L	92				71	103	
	Butylbenzylphthalate	50	45.8	ug/L	92				61	105	
	3,3-Dichlorobenzidine	50	34.2	ug/L	68				43	108	
	Benzo(a)anthracene	50	50.2	ug/L	100				62	107	
	Chrysene	50	49.5	ug/L	99				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.4	ug/L	85				59	110	
	Di-n-octyl phthalate	50	40	ug/L	80				52	139	
	Benzo(b)fluoranthene	50	48	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	55.8	ug/L	112		*		77	105	
	Benzo(a)pyrene	50	54.3	ug/L	109				72	131	
	Indeno(1,2,3-cd)pyrene	50	51	ug/L	102				72	105	
	Dibenz(a,h)anthracene	50	50.3	ug/L	101				78	115	
	Benzo(g,h,i)perylene	50	47.1	ug/L	94				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.7	ug/L	93				72	101	
	1,4-Dioxane	50	42.9	ug/L	86				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.7	ug/L	101				63	116	
	1-Methylnaphthalene	50	45.7	ug/L	91				51	114	
PB165432BSD	n-Nitrosodimethylamine	50	46.1	ug/L	92	2			55	108	20
	Pyridine	50	48.1	ug/L	96	0			29	97	20
	Benzaldehyde	50	13.7	ug/L	27	1			10	162	20
	Aniline	50	48.7	ug/L	97	2			10	130	20
	Phenol	50	51	ug/L	102	2			66	118	20
	bis(2-Chloroethyl)ether	50	50.5	ug/L	101	0			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165432BSD	2-Chlorophenol	50	50.9	ug/L	102	2			70	117	20
	1,2-Dichlorobenzene	50	48.1	ug/L	96	0			72	102	20
	1,3-Dichlorobenzene	50	47.6	ug/L	95	2			71	103	20
	1,4-Dichlorobenzene	50	47.6	ug/L	95	2			76	103	20
	Benzyl Alcohol	50	49.8	ug/L	100	3	*		36	93	20
	2-Methylphenol	50	50	ug/L	100	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	49.7	ug/L	99	2			65	100	20
	Acetophenone	50	48.2	ug/L	96	4			60	104	20
	3+4-Methylphenols	50	51.4	ug/L	103	2			67	106	20
	N-Nitroso-di-n-propylamine	50	49.7	ug/L	99	2			57	107	20
	Hexachloroethane	50	47.2	ug/L	94	2			76	118	20
	Nitrobenzene	50	45.6	ug/L	91	4			58	106	20
	Isophorone	50	49.4	ug/L	99	3			61	102	20
	2-Nitrophenol	50	50.2	ug/L	100	4			70	115	20
	2,4-Dimethylphenol	50	62.4	ug/L	125	3			42	142	20
	bis(2-Chloroethoxy)methane	50	49	ug/L	98	4			58	109	20
	2,4-Dichlorophenol	50	50.4	ug/L	101	3			66	115	20
	1,2,4-Trichlorobenzene	50	46.3	ug/L	93	2			41	115	20
	Benzoic acid	50	41.6	ug/L	83	5			10	125	20
	Naphthalene	50	47.8	ug/L	96	2			64	107	20
	4-Chloroaniline	50	24.4	ug/L	49	10			10	85	20
	Hexachlorobutadiene	50	45.5	ug/L	91	2			69	101	20
	Caprolactam	50	51.8	ug/L	104	5			58	128	20
	4-Chloro-3-methylphenol	50	49.5	ug/L	99	3			65	114	20
	2-Methylnaphthalene	50	49.9	ug/L	100	3			64	107	20
	Hexachlorocyclopentadiene	100	130	ug/L	130	8			36	160	20
	2,4,6-Trichlorophenol	50	47.6	ug/L	95	1			61	110	20
	2,4,5-Trichlorophenol	50	47.4	ug/L	95	3			70	106	20
	1,1-Biphenyl	50	48.1	ug/L	96	1			72	98	20
	2-Chloronaphthalene	50	47.3	ug/L	95	3			59	106	20
	2-Nitroaniline	50	48.5	ug/L	97	3			73	114	20
	Dimethylphthalate	50	49.9	ug/L	100	3			64	103	20
	Acenaphthylene	50	52	ug/L	104	2	*		79	103	20
	2,6-Dinitrotoluene	50	47.6	ug/L	95	1			64	110	20
	3-Nitroaniline	50	31.1	ug/L	62	1			28	100	20
	Acenaphthene	50	48.9	ug/L	98	2			59	113	20
	Total PAH	800	815.6	ug/L	102	2			59	113	20
	2,4-Dinitrophenol	100	94	ug/L	94	7			36	166	20
	4-Nitrophenol	100	88.6	ug/L	89	4			45	147	20
	Dibenzofuran	50	49.2	ug/L	98	4			65	106	20
	2,4-Dinitrotoluene	50	48.8	ug/L	98	3			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	96.4	ug/L	96	2			60	115	20
	Diethylphthalate	50	49.1	ug/L	98	4			63	105	20
	4-Chlorophenyl-phenylether	50	49.3	ug/L	99	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165432BSD	Fluorene	50	49.7	ug/L	99	4			64	107	20
	4-Nitroaniline	50	49.2	ug/L	98	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	56	ug/L	112	7			62	132	20
	N-Nitrosodiphenylamine	50	50.6	ug/L	101	3			61	109	20
	Azobenzene	50	49.2	ug/L	98	3			59	106	20
	4-Bromophenyl-phenylether	50	49.1	ug/L	98	1			73	103	20
	Hexachlorobenzene	50	46.9	ug/L	94	0			73	106	20
	Atrazine	50	57.1	ug/L	114	4			76	120	20
	Pentachlorophenol	100	84.9	ug/L	85	1			47	114	20
	Phenanthrene	50	51	ug/L	102	3			62	109	20
	Anthracene	50	53.5	ug/L	107	4			65	110	20
	Carbazole	50	51.1	ug/L	102	2			62	106	20
	Di-n-butylphthalate	50	50.2	ug/L	100	4			64	106	20
	Fluoranthene	50	52.3	ug/L	105	2			64	110	20
	Benzidine	100	35.8	ug/L	36	7			10	94	20
	Pyrene	50	46.8	ug/L	94	1			71	103	20
	Butylbenzylphthalate	50	47.4	ug/L	95	3			61	105	20
	3,3-Dichlorobenzidine	50	34.8	ug/L	70	2			43	108	20
	Benzo(a)anthracene	50	51.9	ug/L	104	3			62	107	20
	Chrysene	50	50.8	ug/L	102	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44.5	ug/L	89	5			59	110	20
	Di-n-octyl phthalate	50	42.2	ug/L	84	5			52	139	20
	Benzo(b)fluoranthene	50	49.8	ug/L	100	4			77	113	20
	Benzo(k)fluoranthene	50	57.9	ug/L	116	4	*		77	105	20
	Benzo(a)pyrene	50	55.5	ug/L	111	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.5	ug/L	101	1			72	105	20
	Dibenz(a,h)anthracene	50	50	ug/L	100	1			78	115	20
	Benzo(g,h,i)perylene	50	47.2	ug/L	94	0			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	48	ug/L	96	3			72	101	20
	1,4-Dioxane	50	43.3	ug/L	87	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	55.3	ug/L	111	9			63	116	20
	1-Methylnaphthalene	50	46.9	ug/L	94	3			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165435BS	n-Nitrosodimethylamine	50	43.9	ug/L	88				55	108	
	Pyridine	50	46.6	ug/L	93				29	97	
	Benzaldehyde	50	16	ug/L	32				10	162	
	Aniline	50	49.7	ug/L	99				10	130	
	Phenol	50	48.9	ug/L	98				66	118	
	bis(2-Chloroethyl)ether	50	48.2	ug/L	96				62	103	
	2-Chlorophenol	50	48.6	ug/L	97				70	117	
	1,2-Dichlorobenzene	50	46.1	ug/L	92				72	102	
	1,3-Dichlorobenzene	50	45.3	ug/L	91				71	103	
	1,4-Dichlorobenzene	50	45.1	ug/L	90				76	103	
	Benzyl Alcohol	50	47.1	ug/L	94		*		36	93	
	2-Methylphenol	50	47.7	ug/L	95				69	109	
	2,2-oxybis(1-Chloropropane)	50	47	ug/L	94				65	100	
	Acetophenone	50	47.1	ug/L	94				60	104	
	3+4-Methylphenols	50	49.5	ug/L	99				67	106	
	N-Nitroso-di-n-propylamine	50	47	ug/L	94				57	107	
	Hexachloroethane	50	45.2	ug/L	90				76	118	
	Nitrobenzene	50	45.1	ug/L	90				58	106	
	Isophorone	50	48.7	ug/L	97				61	102	
	2-Nitrophenol	50	49.9	ug/L	100				70	115	
	2,4-Dimethylphenol	50	61.7	ug/L	123				42	142	
	bis(2-Chloroethoxy)methane	50	47.4	ug/L	95				58	109	
	2,4-Dichlorophenol	50	50.4	ug/L	101				66	115	
	1,2,4-Trichlorobenzene	50	46	ug/L	92				41	115	
	Benzoic acid	50	40.2	ug/L	80				10	125	
	Naphthalene	50	47.7	ug/L	95				64	107	
	4-Chloroaniline	50	25.5	ug/L	51				10	85	
	Hexachlorobutadiene	50	45.1	ug/L	90				69	101	
	Caprolactam	50	50.9	ug/L	102				58	128	
	4-Chloro-3-methylphenol	50	49.1	ug/L	98				65	114	
	2-Methylnaphthalene	50	49.5	ug/L	99				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	47	ug/L	94				61	110	
	2,4,5-Trichlorophenol	50	46.1	ug/L	92				70	106	
	1,1-Biphenyl	50	48.3	ug/L	97				72	98	
	2-Chloronaphthalene	50	47.2	ug/L	94				59	106	
	2-Nitroaniline	50	48.7	ug/L	97				73	114	
	Dimethylphthalate	50	48.5	ug/L	97				64	103	
	Acenaphthylene	50	51.8	ug/L	104		*		79	103	
	2,6-Dinitrotoluene	50	47.1	ug/L	94				64	110	
	3-Nitroaniline	50	32.2	ug/L	64				28	100	
	Acenaphthene	50	48.7	ug/L	97				59	113	
	Total PAH	800	798.4	ug/L	100				59	113	
	2,4-Dinitrophenol	100	91.1	ug/L	91				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165435BS	4-Nitrophenol	100	86.1	ug/L	86				45	147	
	Dibenzofuran	50	48.7	ug/L	97				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	95.5	ug/L	96				60	115	
	2,4-Dinitrotoluene	50	48.4	ug/L	97				60	115	
	Diethylphthalate	50	47.9	ug/L	96				63	105	
	4-Chlorophenyl-phenylether	50	48.7	ug/L	97				61	104	
	Fluorene	50	49	ug/L	98				64	107	
	4-Nitroaniline	50	48.3	ug/L	97				55	125	
	4,6-Dinitro-2-methylphenol	50	53.8	ug/L	108				62	132	
	N-Nitrosodiphenylamine	50	49.4	ug/L	99				61	109	
	Azobenzene	50	47.6	ug/L	95				59	106	
	4-Bromophenyl-phenylether	50	47.1	ug/L	94				73	103	
	Hexachlorobenzene	50	46.8	ug/L	94				73	106	
	Atrazine	50	55.9	ug/L	112				76	120	
	Pentachlorophenol	100	81.5	ug/L	82				47	114	
	Phenanthrene	50	50.1	ug/L	100				62	109	
	Anthracene	50	52.1	ug/L	104				65	110	
	Carbazole	50	50.2	ug/L	100				62	106	
	Di-n-butylphthalate	50	47.8	ug/L	96				64	106	
	Fluoranthene	50	51.3	ug/L	103				64	110	
	Benzidine	100	34.8	ug/L	35				10	94	
	Pyrene	50	45.4	ug/L	91				71	103	
	Butylbenzylphthalate	50	45.8	ug/L	92				61	105	
	3,3-Dichlorobenzidine	50	35.4	ug/L	71				43	108	
	Benzo(a)anthracene	50	49.5	ug/L	99				62	107	
	Chrysene	50	50.9	ug/L	102				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	40.1	ug/L	80				52	139	
	Benzo(b)fluoranthene	50	53.5	ug/L	107				77	113	
	Benzo(k)fluoranthene	50	48.6	ug/L	97				77	105	
	Benzo(a)pyrene	50	53.9	ug/L	108				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	49.3	ug/L	99				78	115	
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	48.3	ug/L	97				72	101	
	1,4-Dioxane	50	41.7	ug/L	83				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.9	ug/L	106				63	116	
	1-Methylnaphthalene	50	46.6	ug/L	93				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165432BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120924

SAS No.: BF120924 SDG NO.: BF120924

Lab File ID: BF140784.D

Lab Sample ID: PB165432BL

Instrument ID: BNA_F

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/09/2024

Level: (low/med) LOW

Time Analyzed: 12:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165432BS	PB165432BS	BF140785.D	12/09/2024
PB165432BSD	PB165432BSD	BF140786.D	12/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165435BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120924

SAS No.: BF120924 SDG NO.: BF120924

Lab File ID: BF140787.D

Lab Sample ID: PB165435BL

Instrument ID: BNA_F

Date Extracted: 12/06/2024

Matrix: (soil/water) water

Date Analyzed: 12/09/2024

Level: (low/med) LOW

Time Analyzed: 14:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165435BS	PB165435BS	BF140788.D	12/09/2024
PB165390TB	PB165390TB	BF140789.D	12/09/2024
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	BF140790.D	12/09/2024
MH-764MS	P5095-04MS	BF140791.D	12/09/2024
MH-764MSD	P5095-04MSD	BF140792.D	12/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5095-04MS		Client Sample ID: MH-764MS		DataFile: BF140791.D							
n-Nitrosodimethylamine	500		420	ug/L	84				10	130	
Pyridine	500		320	ug/L	64				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		160	ug/L	32				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		470	ug/L	94				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		390	ug/L	78				65	106	
1,4-Dichlorobenzene	500		410	ug/L	82				55	125	
Benzyl Alcohol	500		460	ug/L	92				31	94	
2-Methylphenol	500		460	ug/L	92				37	126	
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		480	ug/L	96				31	127	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		390	ug/L	78				49	110	
Nitrobenzene	500		410	ug/L	82				62	112	
Isophorone	500		460	ug/L	92				39	146	
2-Nitrophenol	500		460	ug/L	92				30	148	
2,4-Dimethylphenol	500		600	ug/L	120				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		410	ug/L	82				66	110	
Benzoic acid	500		420	ug/L	84				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		97	ug/L	19				10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		400	ug/L	80				10	130	
4-Chloro-3-methylphenol	500		470	ug/L	94				17	148	
2-Methylnaphthalene	500		470	ug/L	94				38	146	
Hexachlorocyclopentadiene	1000		1100	ug/L	110				20	153	
2,4,6-Trichlorophenol	500		450	ug/L	90				78	112	
2,4,5-Trichlorophenol	500		440	ug/L	88				71	111	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		450	ug/L	90				39	151	
Dimethylphthalate	500		470	ug/L	94				42	147	
Acenaphthylene	500		480	ug/L	96				40	141	
2,6-Dinitrotoluene	500		450	ug/L	90				43	148	
3-Nitroaniline	500		150	ug/L	30				10	111	
Acenaphthene	500		480	ug/L	96				37	146	
Total PAH	8000		7470	ug/L	93				37	146	
2,4-Dinitrophenol	1000		870	ug/L	87				14	167	
4-Nitrophenol	1000		720	ug/L	72				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		460	ug/L	92				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		910	ug/L	91				50	142	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		390	ug/L	78				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		460	ug/L	92				40	150	
Azobenzene	500		460	ug/L	92				72	112	
4-Bromophenyl-phenylether	500		470	ug/L	94				42	151	
Hexachlorobenzene	500		460	ug/L	92				72	115	
Atrazine	500		360	ug/L	72				20	162	
Pentachlorophenol	1000		880	ug/L	88				25	139	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		430	ug/L	86				37	154	
Di-n-butylphthalate	500		480	ug/L	96				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		490	ug/L	98				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		82.3	ug/L	16				10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102				33	160	
Di-n-octyl phthalate	500		590	ug/L	118				36	158	
Benzo(b)fluoranthene	500		510	ug/L	102				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		550	ug/L	110				42	147	
Indeno(1,2,3-cd)pyrene	500		390	ug/L	78				30	166	
Dibenz(a,h)anthracene	500		410	ug/L	82				23	172	
Benzo(g,h,i)perylene	500		310	ug/L	62				27	167	
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*			89	102	
1,4-Dioxane	500		390	ug/L	78				38	130	
2,3,4,6-Tetrachlorophenol	500		500	ug/L	100				91	111	
1-Methylnaphthalene	500		450	ug/L	90				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5095-04MSD		Client Sample ID: MH-764MSD					DataFile: BF140792.D				
n-Nitrosodimethylamine	500		510	ug/L	102		19		10	130	20
Pyridine	500		390	ug/L	78		20		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		170	ug/L	34		6		10	130	20
Phenol	500		470	ug/L	94		14		10	130	20
bis(2-Chloroethyl)ether	500		540	ug/L	108		14		29	141	20
2-Chlorophenol	500		540	ug/L	108		16		23	127	20
1,2-Dichlorobenzene	500		470	ug/L	94		11		61	114	20
1,3-Dichlorobenzene	500		460	ug/L	92		16		65	106	20
1,4-Dichlorobenzene	500		460	ug/L	92		11		55	125	20
Benzyl Alcohol	500		530	ug/L	106	*	14		31	94	20
2-Methylphenol	500		530	ug/L	106		14		37	126	20
2,2-oxybis(1-Chloropropane)	500		530	ug/L	106		12		36	141	20
Acetophenone	500		540	ug/L	108		20		31	164	20
3+4-Methylphenols	500		540	ug/L	108		12		31	127	20
N-Nitroso-di-n-propylamine	500		540	ug/L	108		12		36	147	20
Hexachloroethane	500		450	ug/L	90		14		49	110	20
Nitrobenzene	500		510	ug/L	102		22	*	62	112	20
Isophorone	500		550	ug/L	110		18		39	146	20
2-Nitrophenol	500		550	ug/L	110		18		30	148	20
2,4-Dimethylphenol	500		700	ug/L	140		15		17	143	20
bis(2-Chloroethoxy)methane	500		540	ug/L	108		16		39	143	20
2,4-Dichlorophenol	500		550	ug/L	110		14		22	146	20
1,2,4-Trichlorobenzene	500		490	ug/L	98		18		66	110	20
Benzoic acid	500		490	ug/L	98		15		10	101	20
Naphthalene	500		520	ug/L	104		17		17	157	20
4-Chloroaniline	500		84.8	ug/L	17		11		10	95	20
Hexachlorobutadiene	500		480	ug/L	96		16		52	125	20
Caprolactam	500		450	ug/L	90		12		10	130	20
4-Chloro-3-methylphenol	500		540	ug/L	108		14		17	148	20
2-Methylnaphthalene	500		550	ug/L	110		16		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		24	*	20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		20		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		20		71	111	20
1,1-Biphenyl	500		550	ug/L	110		18		38	154	20
2-Chloronaphthalene	500		540	ug/L	108		18		41	145	20
2-Nitroaniline	500		540	ug/L	108		18		39	151	20
Dimethylphthalate	500		570	ug/L	114		19		42	147	20
Acenaphthylene	500		580	ug/L	116		19		40	141	20
2,6-Dinitrotoluene	500		550	ug/L	110		20		43	148	20
3-Nitroaniline	500		160	ug/L	32		6		10	111	20
Acenaphthene	500		550	ug/L	110		14		37	146	20
Total PAH	8000		8660	ug/L	108		15		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		23	*	14	167	20
4-Nitrophenol	1000		820	ug/L	82		13		10	130	20
Dibenzofuran	500		560	ug/L	112		20		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		550	ug/L	110		18		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1100	ug/L	110		19		50	142	20
Diethylphthalate	500		550	ug/L	110		16		41	148	20
4-Chlorophenyl-phenylether	500		560	ug/L	112		17		38	149	20
Fluorene	500		560	ug/L	112		17		39	144	20
4-Nitroaniline	500		440	ug/L	88		12		27	138	20
4,6-Dinitro-2-methylphenol	500		610	ug/L	122		18		32	175	20
N-Nitrosodiphenylamine	500		530	ug/L	106		14		40	150	20
Azobenzene	500		550	ug/L	110		18		72	112	20
4-Bromophenyl-phenylether	500		560	ug/L	112		17		42	151	20
Hexachlorobenzene	500		550	ug/L	110		18		72	115	20
Atrazine	500		410	ug/L	82		13		20	162	20
Pentachlorophenol	1000		990	ug/L	99		12		25	139	20
Phenanthrene	500		570	ug/L	114		13		40	147	20
Anthracene	500		600	ug/L	120		16		41	146	20
Carbazole	500		530	ug/L	106		21	*	37	154	20
Di-n-butylphthalate	500		580	ug/L	116		19		40	151	20
Fluoranthene	500		510	ug/L	102		15		42	146	20
Benzidine	1000			ug/L	0	*			10	130	20
Pyrene	500		540	ug/L	108		10		41	149	20
Butylbenzylphthalate	500		570	ug/L	114		9		39	155	20
3,3-Dichlorobenzidine	500		100	ug/L	20		22	*	10	114	20
Benzo(a)anthracene	500		580	ug/L	116		17		41	147	20
Chrysene	500		580	ug/L	116		17		44	144	20
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118		15		33	160	20
Di-n-octyl phthalate	500		640	ug/L	128		8		36	158	20
Benzo(b)fluoranthene	500		620	ug/L	124		19		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		15		40	147	20
Benzo(a)pyrene	500		640	ug/L	128		15		42	147	20
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86		10		30	166	20
Dibenz(a,h)anthracene	500		450	ug/L	90		9		23	172	20
Benzo(g,h,i)perylene	500		340	ug/L	68		9		27	167	20
1,2,4,5-Tetrachlorobenzene	500		550	ug/L	110	*	22	*	89	102	20
1,4-Dioxane	500		470	ug/L	94		19		38	130	20
2,3,4,6-Tetrachlorophenol	500		610	ug/L	122	*	20		91	111	20
1-Methylnaphthalene	500		510	ug/L	102		13		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF120924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165432BL	PB165432BL	BF140784.D	2-Fluorophenol	150	150.05	100		10	139
			Phenol-d6	150	144.25	96		10	134
			Nitrobenzene-d5	100	97.78	98		49	133
			2-Fluorobiphenyl	100	99.98	100		52	132
			2,4,6-Tribromophenol	150	145.63	97		44	137
			Terphenyl-d14	100	89.15	89		48	125
PB165432BS	PB165432BS	BF140785.D	2-Fluorophenol	150	142.29	95		10	139
			Phenol-d6	150	139.55	93		10	134
			Nitrobenzene-d5	100	92.71	93		49	133
			2-Fluorobiphenyl	100	94.94	95		52	132
			2,4,6-Tribromophenol	150	145.90	97		44	137
			Terphenyl-d14	100	94.38	94		48	125
PB165432BSD	PB165432BSD	BF140786.D	2-Fluorophenol	150	145.41	97		10	139
			Phenol-d6	150	141.58	94		10	134
			Nitrobenzene-d5	100	95.27	95		49	133
			2-Fluorobiphenyl	100	96.37	96		52	132
			2,4,6-Tribromophenol	150	149.83	100		44	137
			Terphenyl-d14	100	96.14	96		48	125

Surrogate Summary

SW-846

SDG No.: **BF120924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5095-04MS	MH-764MS	BF140791.D	2-Fluorophenol	150	128.33	86		10	139
			Phenol-d6	150	118.10	79		10	134
			Nitrobenzene-d5	100	88.18	88		49	133
			2-Fluorobiphenyl	100	89.23	89		52	132
			2,4,6-Tribromophenol	150	133.59	89		44	137
			Terphenyl-d14	100	100.20	100		48	125
P5095-04MSD	MH-764MSD	BF140792.D	2-Fluorophenol	150	149.79	100		10	139
			Phenol-d6	150	136.05	91		10	134
			Nitrobenzene-d5	100	108.28	108		49	133
			2-Fluorobiphenyl	100	111.58	112		52	132
			2,4,6-Tribromophenol	150	166.28	111		44	137
			Terphenyl-d14	100	117.05	117		48	125
P5117-02	TAPIAL2-IDW-SO	BF140790.D	2-Fluorophenol	150	127.40	85		10	139
			Phenol-d6	150	116.54	78		10	134
			Nitrobenzene-d5	100	89.26	89		49	133
			2-Fluorobiphenyl	100	93.86	94		52	132
			2,4,6-Tribromophenol	150	138.09	92		44	137
			Terphenyl-d14	100	93.15	93		48	125
PB165390TB	PB165390TB	BF140789.D	2-Fluorophenol	150	149.26	100		10	139
			Phenol-d6	150	146.66	98		10	134
			Nitrobenzene-d5	100	98.31	98		49	133
			2-Fluorobiphenyl	100	100.77	101		52	132
			2,4,6-Tribromophenol	150	152.58	102		44	137
			Terphenyl-d14	100	90.74	91		48	125
PB165435BL	PB165435BL	BF140787.D	2-Fluorophenol	150	158.88	106		10	139
			Phenol-d6	150	153.79	103		10	134
			Nitrobenzene-d5	100	103.31	103		49	133
			2-Fluorobiphenyl	100	106.75	107		52	132
			2,4,6-Tribromophenol	150	158.51	106		44	137
			Terphenyl-d14	100	99.04	99		48	125
PB165435BS	PB165435BS	BF140788.D	2-Fluorophenol	150	141.08	94		10	139
			Phenol-d6	150	137.64	92		10	134
			Nitrobenzene-d5	100	94.00	94		49	133
			2-Fluorobiphenyl	100	97.19	97		52	132
			2,4,6-Tribromophenol	150	148.04	99		44	137
			Terphenyl-d14	100	94.43	94		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120924

Lab Code: CHEM

SAS No.: BF120924 SDG NO.: BF120924

Lab File ID: BF140782.D

DFTPP Injection Date: 12/09/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	94.3
443	15.0 - 24.0% of mass 442	17.1 (18.1) 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	BF140783.D	12/09/2024	12:21
PB165432BL	PB165432BL	BF140784.D	12/09/2024	12:47
PB165432BS	PB165432BS	BF140785.D	12/09/2024	13:13
PB165432BSD	PB165432BSD	BF140786.D	12/09/2024	13:39
PB165435BL	PB165435BL	BF140787.D	12/09/2024	14:05
PB165435BS	PB165435BS	BF140788.D	12/09/2024	14:31
PB165390TB	PB165390TB	BF140789.D	12/09/2024	14:58
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	BF140790.D	12/09/2024	15:29
MH-764MS	P5095-04MS	BF140791.D	12/09/2024	15:55
MH-764MSD	P5095-04MSD	BF140792.D	12/09/2024	16:22
SSTDCCC040EC	SSTDCCC040	BF140793.D	12/09/2024	16:54