

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF123124 SAS No.: BF123124 SDG No.: BF123124
Instrument ID: BNA_F Calibration Date/Time: 12/31/2024 : 09:50
Lab File ID: BF141047.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	0.744	0.692		-6.989	
Pyridine	1.468	1.428		-2.725	
2-Fluorophenol	1.327	1.243		-6.33	
Benzaldehyde	0.941	0.944		0.319	
Aniline	1.524	1.476		-3.15	
Phenol-d6	1.709	1.580		-7.548	
Phenol	1.767	1.718		-2.773	20.0
bis(2-Chloroethyl)ether	1.427	1.282		-10.161	
2-Chlorophenol	1.399	1.355		-3.145	
1,2-Dichlorobenzene	1.451	1.387		-4.411	
1,3-Dichlorobenzene	1.544	1.489		-3.562	
1,4-Dichlorobenzene	1.556	1.504		-3.342	20.0
Benzyl Alcohol	1.228	1.160		-5.537	
2-Methylphenol	1.162	1.106		-4.819	
2,2-oxybis(1-Chloropropane)	2.158	1.931		-10.519	
Acetophenone	0.491	0.453		-7.739	
3+4-Methylphenols	1.471	1.374		-6.594	
n-Nitroso-di-n-propylamine	1.047	0.936	0.050	-10.602	
Nitrobenzene-d5	0.313	0.363		15.974	
Hexachloroethane	0.553	0.540		-2.351	
Nitrobenzene	0.349	0.386		10.602	
Isophorone	0.680	0.636		-6.471	
2-Nitrophenol	0.118	0.177		50.0	20.0
2,4-Dimethylphenol	0.249	0.240		-3.614	
bis(2-Chloroethoxy)methane	0.431	0.406		-5.8	
2,4-Dichlorophenol	0.282	0.284		0.709	20.0
1,2,4-Trichlorobenzene	0.319	0.314		-1.567	
Benzoic acid	0.178	0.242		35.955	
Naphthalene	1.054	1.003		-4.839	
4-Chloroaniline	0.381	0.361		-5.249	
Hexachlorobutadiene	0.188	0.188		0.0	20.0
Caprolactam	0.096	0.094		-2.083	
4-Chloro-3-methylphenol	0.313	0.305		-2.556	20.0
2-Methylnaphthalene	0.674	0.647		-4.006	
Hexachlorocyclopentadiene	0.182	0.204	0.050	12.088	
2,4,6-Trichlorophenol	0.366	0.374		2.186	20.0
2-Fluorobiphenyl	1.255	1.203		-4.143	
2,4,5-Trichlorophenol	0.375	0.410		9.333	
1,1-Biphenyl	1.531	1.493		-2.482	

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Lab File ID: BF141047.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	1.188	1.163		-2.104	
2-Nitroaniline	0.259	0.357		37.838	
Dimethylphthalate	1.316	1.296		-1.52	
Acenaphthylene	1.710	1.676		-1.988	
2,6-Dinitrotoluene	0.231	0.308		33.333	
3-Nitroaniline	0.255	0.323		26.667	
Acenaphthene	1.156	1.171		1.298	20.0
2,4-Dinitrophenol	0.075	0.145	0.050	93.333	
4-Nitrophenol	0.225	0.261	0.050	16.0	
Dibenzofuran	1.624	1.575		-3.017	
2,4-Dinitrotoluene	0.273	0.404		47.985	
Diethylphthalate	1.299	1.274		-1.925	
4-Chlorophenyl-phenylether	0.606	0.602		-0.66	
Fluorene	1.260	1.209		-4.048	
4-Nitroaniline	0.255	0.317		24.314	
4,6-Dinitro-2-methylphenol	0.067	0.117		74.627	
n-Nitrosodiphenylamine	0.630	0.617		-2.063	20.0
Azobenzene	1.363	1.286		-5.649	
2,4,6-Tribromophenol	0.194	0.219		12.887	
4-Bromophenyl-phenylether	0.216	0.224		3.704	
Hexachlorobenzene	0.238	0.242		1.681	
Atrazine	0.176	0.141		-19.886	
Pentachlorophenol	0.148	0.167		12.838	20.0
Phenanthrene	1.053	1.005		-4.558	
Anthracene	1.031	0.993		-3.686	
Carbazole	0.992	0.927		-6.552	
Di-n-butylphthalate	1.128	1.072		-4.965	
Fluoranthene	1.142	1.034		-9.457	20.0
Benzidine	0.423	0.465		9.929	
Pyrene	1.749	1.901		8.691	
Terphenyl-d14	1.204	1.316		9.302	
Butylbenzylphthalate	0.639	0.674		5.477	
3,3-Dichlorobenzidine	0.419	0.439		4.773	
Benzo(a)anthracene	1.394	1.314		-5.739	
Chrysene	1.257	1.265		0.636	
Bis(2-ethylhexyl)phthalate	0.828	0.805		-2.778	
Di-n-octyl phthalate	1.199	1.211		1.001	20.0
Benzo(b)fluoranthene	1.395	1.281		-8.172	
Benzo(k)fluoranthene	1.093	0.995		-8.966	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF123124 SAS No.: BF123124 SDG No.: BF123124

Instrument ID: BNA_F Calibration Date/Time: 12/31/2024 : 09:50

Lab File ID: BF141047.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	1.083	1.036		-4.34	20.0
Indeno(1,2,3-cd)pyrene	1.260	1.495		18.651	
Dibenzo(a,h)anthracene	1.021	1.207		18.217	
Benzo(g,h,i)perylene	1.059	1.267		19.641	
1,2,4,5-Tetrachlorobenzene	0.550	0.555		0.909	
1,4-Dioxane	0.601	0.561		-6.656	20.0
2,3,4,6-Tetrachlorophenol	0.310	0.330		6.452	
1-Methylnaphthalene	0.663	0.633		-4.525	

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.: BF123124 SAS No.: BF123124 SDG No.: BF123124
Instrument ID: BNA_F Calibration Date/Time: 12/31/2024 : 14:18
Lab File ID: BF141056.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	0.744	0.698		-6.183	50.0
Pyridine	1.468	1.436		-2.18	50.0
2-Fluorophenol	1.327	1.272		-4.145	50.0
Benzaldehyde	0.941	0.946		0.531	50.0
Aniline	1.524	1.497		-1.772	50.0
Phenol-d6	1.709	1.596		-6.612	50.0
Phenol	1.767	1.727		-2.264	50.0
bis(2-Chloroethyl) ether	1.427	1.308		-8.339	50.0
2-Chlorophenol	1.399	1.361		-2.716	50.0
1,2-Dichlorobenzene	1.451	1.399		-3.584	50.0
1,3-Dichlorobenzene	1.544	1.496		-3.109	50.0
1,4-Dichlorobenzene	1.556	1.518		-2.442	50.0
Benzyl Alcohol	1.228	1.168		-4.886	50.0
2-Methylphenol	1.162	1.095		-5.766	50.0
2,2-oxybis(1-Chloropropane)	2.158	1.953		-9.5	50.0
Acetophenone	0.491	0.453		-7.739	50.0
3+4-Methylphenols	1.471	1.371		-6.798	50.0
n-Nitroso-di-n-propylamine	1.047	0.933	0.050	-10.888	50.0
Nitrobenzene-d5	0.313	0.371		18.53	50.0
Hexachloroethane	0.553	0.552		-0.181	50.0
Nitrobenzene	0.349	0.387		10.888	50.0
Isophorone	0.680	0.634		-6.765	50.0
2-Nitrophenol	0.118	0.181		53.39	50.0
2,4-Dimethylphenol	0.249	0.238		-4.418	50.0
bis(2-Chloroethoxy) methane	0.431	0.409		-5.104	50.0
2,4-Dichlorophenol	0.282	0.284		0.709	50.0
1,2,4-Trichlorobenzene	0.319	0.316		-0.94	50.0
Benzoic acid	0.178	0.249		39.888	50.0
Naphthalene	1.054	1.009		-4.269	50.0
4-Chloroaniline	0.381	0.354		-7.087	50.0
Hexachlorobutadiene	0.188	0.189		0.532	50.0
Caprolactam	0.096	0.090		-6.25	50.0
4-Chloro-3-methylphenol	0.313	0.301		-3.834	50.0
2-Methylnaphthalene	0.674	0.644		-4.451	50.0
Hexachlorocyclopentadiene	0.182	0.216	0.050	18.681	50.0
2,4,6-Trichlorophenol	0.366	0.396		8.197	50.0
2-Fluorobiphenyl	1.255	1.207		-3.825	50.0
2,4,5-Trichlorophenol	0.375	0.393		4.8	50.0
1,1-Biphenyl	1.531	1.509		-1.437	50.0

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.188	1.182		-0.505	50.0
2-Nitroaniline	0.259	0.359		38.61	50.0
Dimethylphthalate	1.316	1.263		-4.027	50.0
Acenaphthylene	1.710	1.672		-2.222	50.0
2,6-Dinitrotoluene	0.231	0.301		30.303	50.0
3-Nitroaniline	0.255	0.313		22.745	50.0
Acenaphthene	1.156	1.172		1.384	50.0
2,4-Dinitrophenol	0.075	0.148	0.050	97.333	50.0
4-Nitrophenol	0.225	0.248	0.050	10.222	50.0
Dibenzofuran	1.624	1.568		-3.448	50.0
2,4-Dinitrotoluene	0.273	0.393		43.956	50.0
Diethylphthalate	1.299	1.223		-5.851	50.0
4-Chlorophenyl-phenylether	0.606	0.589		-2.805	50.0
Fluorene	1.260	1.201		-4.683	50.0
4-Nitroaniline	0.255	0.296		16.078	50.0
4,6-Dinitro-2-methylphenol	0.067	0.122		82.09	50.0
n-Nitrosodiphenylamine	0.630	0.637		1.111	50.0
Azobenzene	1.363	1.244		-8.731	50.0
2,4,6-Tribromophenol	0.194	0.212		9.278	50.0
4-Bromophenyl-phenylether	0.216	0.231		6.944	50.0
Hexachlorobenzene	0.238	0.249		4.622	50.0
Atrazine	0.176	0.136		-22.727	50.0
Pentachlorophenol	0.148	0.168		13.514	50.0
Phenanthrene	1.053	1.028		-2.374	50.0
Anthracene	1.031	1.009		-2.134	50.0
Carbazole	0.992	0.906		-8.669	50.0
Di-n-butylphthalate	1.128	1.042		-7.624	50.0
Fluoranthene	1.142	0.988		-13.485	50.0
Benzidine	0.423	0.517		22.222	50.0
Pyrene	1.749	1.800		2.916	50.0
Terphenyl-d14	1.204	1.227		1.91	50.0
Butylbenzylphthalate	0.639	0.618		-3.286	50.0
3,3-Dichlorobenzidine	0.419	0.468		11.695	50.0
Benzo(a)anthracene	1.394	1.289		-7.532	50.0
Chrysene	1.257	1.272		1.193	50.0
Bis(2-ethylhexyl)phthalate	0.828	0.762		-7.971	50.0
Di-n-octyl phthalate	1.199	1.252		4.42	50.0
Benzo(b)fluoranthene	1.395	1.122		-19.57	50.0
Benzo(k)fluoranthene	1.093	1.080		-1.189	50.0

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.083	1.029		-4.986	50.0
Indeno(1,2,3-cd)pyrene	1.260	1.470		16.667	50.0
Dibenzo(a,h)anthracene	1.021	1.179		15.475	50.0
Benzo(g,h,i)perylene	1.059	1.257		18.697	50.0
1,2,4,5-Tetrachlorobenzene	0.550	0.566		2.909	50.0
1,4-Dioxane	0.601	0.565		-5.99	50.0
2,3,4,6-Tetrachlorophenol	0.310	0.324		4.516	50.0
1-Methylnaphthalene	0.663	0.628		-5.279	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	PB165790BL	SDG No.:	BF123124
Lab Sample ID:	PB165790BL	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
BF141048.D	1	12/20/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165790

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	PB165790BL	SDG No.:	BF123124
Lab Sample ID:	PB165790BL	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
BF141048.D	1	12/20/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165790

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	PB165790BL	SDG No.:	BF123124
Lab Sample ID:	PB165790BL	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
BF141048.D	1	12/20/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165790

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	127.053		10-139		85	SPK: -150
13127-88-3	Phenol-d6	124.447		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	108.931		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	87.934		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	PB165790BL	SDG No.:	BF123124
Lab Sample ID:	PB165790BL	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
BF141048.D	1	12/20/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.793		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	80.028		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270516	6.828				
1146-65-2	Naphthalene-d8	1079971	8.104				
15067-26-2	Acenaphthene-d10	585956	9.857				
1517-22-2	Phenanthrene-d10	1012788	11.345				
1719-03-5	Chrysene-d12	831933	13.98				
1520-96-3	Perylene-d12	646759	15.445				

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	PB165900BS	SDG No.:	BF123124
Lab Sample ID:	PB165900BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141049.D	1	12/30/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165900

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.7	270	330	ug/Kg
110-86-1	Pyridine	1500		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	330		180	270	330	ug/Kg
62-53-3	Aniline	1800		96.8	130	170	ug/Kg
108-95-2	Phenol	1800		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1700		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1900		90.7	130	170	ug/Kg
78-59-1	Isophorone	1700		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	2100		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1900		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	870		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	PB165900BS	SDG No.:	BF123124
Lab Sample ID:	PB165900BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141049.D	1	12/30/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165900

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	2000		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1800		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81	130	170	ug/Kg
Total PAH	Total PAH	29700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	4100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1900		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1900		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	PB165900BS	SDG No.:	BF123124
Lab Sample ID:	PB165900BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141049.D	1	12/30/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165900

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1800		83.9	130	170	ug/Kg
120-12-7	Anthracene	1900		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	2100		160	270	330	ug/Kg
129-00-0	Pyrene	1900		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.512		18-112		93	SPK: -150
13127-88-3	Phenol-d6	137.073		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	120.067	*	18-107		120	SPK: -100
321-60-8	2-Fluorobiphenyl	97.621		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	PB165900BS	SDG No.:	BF123124
Lab Sample ID:	PB165900BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141049.D	1	12/30/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165900

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.855	*	10-116		117	SPK: -150
1718-51-0	Terphenyl-d14	111.296	*	10-105		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235504	6.828				
1146-65-2	Naphthalene-d8	932567	8.11				
15067-26-2	Acenaphthene-d10	498769	9.863				
1517-22-2	Phenanthrene-d10	838285	11.351				
1719-03-5	Chrysene-d12	501587	13.992				
1520-96-3	Perylene-d12	459268	15.451				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MS	SDG No.:	BF123124
Lab Sample ID:	P5362-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	490		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	510		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)	510		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	510		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	510		14.8	25	25	ug/L
67-72-1	Hexachloroethane	510		10.1	40	50	ug/L
98-95-3	Nitrobenzene	560		12.7	40	50	ug/L
78-59-1	Isophorone	530		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	660		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	620		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		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	560		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	46.7	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MS	SDG No.:	BF123124
Lab Sample ID:	P5362-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

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	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1900	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	570		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	570		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	590		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	550		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	600		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	600		8.1	40	50	ug/L
Total PAH	Total PAH	8920		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	660		15.2	40	50	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	520		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	470		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	820	E	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	580		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	570		11.4	40	50	ug/L
1912-24-9	Atrazine	410		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MS	SDG No.:	BF123124
Lab Sample ID:	P5362-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	550		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	69.2	J	40.7	80	100	ug/L
129-00-0	Pyrene	640		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	660		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	120		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	540		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	600		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	460		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	680		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	680		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	620		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.05		10-139		99	SPK: -150
13127-88-3	Phenol-d6	143.777		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	130.3		49-133		130	SPK: -100
321-60-8	2-Fluorobiphenyl	103.602		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MS	SDG No.:	BF123124
Lab Sample ID:	P5362-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	189.587		44-137		126	SPK: -150
1718-51-0	Terphenyl-d14	125.649	*	48-125		126	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230352	6.828				
1146-65-2	Naphthalene-d8	918976	8.11				
15067-26-2	Acenaphthene-d10	496643	9.863				
1517-22-2	Phenanthrene-d10	836009	11.345				
1719-03-5	Chrysene-d12	393323	13.986				
1520-96-3	Perylene-d12	476566	15.445				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	BF123124
Lab Sample ID:	P5362-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	480		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	490		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	490		10.1	40	50	ug/L
98-95-3	Nitrobenzene	550		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	640		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	610		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	560		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	40.9	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	BF123124
Lab Sample ID:	P5362-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	500		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	550		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	530		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	580		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	8700		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	510		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	640		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220		27.6	40	100	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	790		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	500		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	380		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	BF123124
Lab Sample ID:	P5362-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	540		10.7	40	50	ug/L
86-74-8	Carbazole	470		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	51	J	40.7	80	100	ug/L
129-00-0	Pyrene	620		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	630		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	100		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	560		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	670		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	660		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	590		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	430		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	590		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.782		10-139		97	SPK: -150
13127-88-3	Phenol-d6	140.905		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	126.614		49-133		127	SPK: -100
321-60-8	2-Fluorobiphenyl	100.375		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	BF123124
Lab Sample ID:	P5362-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	184.238		44-137		123	SPK: -150
1718-51-0	Terphenyl-d14	121.819		48-125		122	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232407	6.828				
1146-65-2	Naphthalene-d8	925099	8.11				
15067-26-2	Acenaphthene-d10	503882	9.863				
1517-22-2	Phenanthrene-d10	849705	11.345				
1719-03-5	Chrysene-d12	416215	13.986				
1520-96-3	Perylene-d12	472841	15.439				

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF123124
Lab Sample ID:	P5398-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141052.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF123124
Lab Sample ID:	P5398-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141052.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF123124
Lab Sample ID:	P5398-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141052.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	30.247		18-112		20	SPK: -150
13127-88-3	Phenol-d6	43.086		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	44.983		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	39.875		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF123124
Lab Sample ID:	P5398-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141052.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	27.832		10-116		19	SPK: -150
1718-51-0	Terphenyl-d14	50.827		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258654	6.828				
1146-65-2	Naphthalene-d8	1024719	8.104				
15067-26-2	Acenaphthene-d10	564439	9.857				
1517-22-2	Phenanthrene-d10	941650	11.345				
1719-03-5	Chrysene-d12	487339	13.98				
1520-96-3	Perylene-d12	535691	15.445				

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349	SDG No.:	BF123124
Lab Sample ID:	P5398-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141053.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349	SDG No.:	BF123124
Lab Sample ID:	P5398-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141053.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	1023.4	U	893.8	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349	SDG No.:	BF123124
Lab Sample ID:	P5398-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141053.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	130		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	110		56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	110		54.4	87.7	110	ug/Kg
218-01-9	Chrysene	93.4	J	53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.2	J	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	160		62.7	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.7	J	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.1	J	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.999		18-112		65	SPK: -150
13127-88-3	Phenol-d6	92.145		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	81.702		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	71.273		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349	SDG No.:	BF123124
Lab Sample ID:	P5398-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141053.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.122		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	53.171		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234973	6.828				
1146-65-2	Naphthalene-d8	909719	8.11				
15067-26-2	Acenaphthene-d10	452308	9.857				
1517-22-2	Phenanthrene-d10	616256	11.345				
1719-03-5	Chrysene-d12	475816	13.98				
1520-96-3	Perylene-d12	455094	15.445				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	64.5	J			2.193	
000119-61-9	Benzophenone	280	J			10.569	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	49.9	J			10.881	
000295-65-8	Cyclohexadecane	87.2	J			11.575	
000057-10-3	n-Hexadecanoic acid	270	J			11.874	
000057-11-4	Octadecanoic acid	100	J			12.663	
018435-45-5	1-Nonadecene	93.3	J			13.839	
062235-06-7	(3E,7E)-4,8,12-Trimethyltrideca-1,	55.5	J			14.851	
001429-66-9	1,3-Dioctanoin	70.2	J			15.227	
000192-97-2	Benzo[e]pyrene	96	J			15.321	

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MS	SDG No.:	BF123124
Lab Sample ID:	P5398-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141054.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.6	180	220	ug/Kg
110-86-1	Pyridine	1100		54	87.8	110	ug/Kg
100-52-7	Benzaldehyde	180	J	120	180	220	ug/Kg
62-53-3	Aniline	960		65.4	87.8	110	ug/Kg
108-95-2	Phenol	1100		56	87.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		56.5	87.8	110	ug/Kg
95-57-8	2-Chlorophenol	1200		56.4	87.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.1	87.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.1	87.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.4	87.8	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.4	87.8	110	ug/Kg
98-86-2	Acetophenone	1100		58.7	87.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	1100		56	87.8	110	ug/Kg
98-95-3	Nitrobenzene	1200		61.3	87.8	110	ug/Kg
78-59-1	Isophorone	1100		57.1	87.8	110	ug/Kg
88-75-5	2-Nitrophenol	1400		63.8	87.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		62.9	87.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		57.9	87.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51	87.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.7	87.8	110	ug/Kg
65-85-0	Benzoic acid	1200		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.8	87.8	110	ug/Kg
106-47-8	4-Chloroaniline	420		55.8	87.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.3	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MS	SDG No.:	BF123124
Lab Sample ID:	P5398-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141054.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	87.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		48.2	87.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50	87.8	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		59	87.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.3	87.8	110	ug/Kg
88-74-4	2-Nitroaniline	1300		64.2	87.8	110	ug/Kg
131-11-3	Dimethylphthalate	1200		55.2	87.8	110	ug/Kg
208-96-8	Acenaphthylene	1200		58.4	87.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		56.2	87.8	110	ug/Kg
99-09-2	3-Nitroaniline	890		60.2	87.8	110	ug/Kg
83-32-9	Acenaphthene	1200		54.8	87.8	110	ug/Kg
Total PAH	Total PAH	18260		894.8	87.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2200	E	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57	87.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		58.2	87.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		114.4	87.8	220	ug/Kg
84-66-2	Diethylphthalate	1100		54.1	87.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57.8	87.8	110	ug/Kg
86-73-7	Fluorene	1000		57.7	87.8	110	ug/Kg
100-01-6	4-Nitroaniline	990		72.3	87.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		55.1	87.8	110	ug/Kg
103-33-3	Azobenzene	1200		53.8	87.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		53.3	87.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1300		57.4	87.8	110	ug/Kg
1912-24-9	Atrazine	1600		61.7	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MS	SDG No.:	BF123124
Lab Sample ID:	P5398-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141054.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1200		56.7	87.8	110	ug/Kg
120-12-7	Anthracene	1300		57	87.8	110	ug/Kg
86-74-8	Carbazole	1100		54.2	87.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		56.9	87.8	110	ug/Kg
206-44-0	Fluoranthene	1200		55.2	87.8	110	ug/Kg
92-87-5	Benzidine	1300		110	180	220	ug/Kg
129-00-0	Pyrene	970		56	87.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.4	87.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.5	87.8	110	ug/Kg
218-01-9	Chrysene	1100		53.7	87.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		61.4	87.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		54.8	87.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		55.8	87.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		62.8	87.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.7	87.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		54.8	87.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		54.1	87.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		58.6	87.8	110	ug/Kg
123-91-1	1,4-Dioxane	980		74.3	87.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.4	87.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.114		18-112		49	SPK: -150
13127-88-3	Phenol-d6	71.591		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	62.658		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	55.399		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MS	SDG No.:	BF123124
Lab Sample ID:	P5398-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141054.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.157		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	43.193		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231983	6.828				
1146-65-2	Naphthalene-d8	899901	8.11				
15067-26-2	Acenaphthene-d10	448717	9.863				
1517-22-2	Phenanthrene-d10	609963	11.345				
1719-03-5	Chrysene-d12	489637	13.986				
1520-96-3	Perylene-d12	436357	15.445				

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MSD	SDG No.:	BF123124
Lab Sample ID:	P5398-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141055.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.6	180	220	ug/Kg
110-86-1	Pyridine	1000		53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	190	J	120	180	220	ug/Kg
62-53-3	Aniline	910		65.4	87.7	110	ug/Kg
108-95-2	Phenol	1100		55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	1100		58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	1000		53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	1100		56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	1200		61.3	87.7	110	ug/Kg
78-59-1	Isophorone	1100		57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	1400		63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	1200		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	430		55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MSD	SDG No.:	BF123124
Lab Sample ID:	P5398-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141055.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	1400		64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	1300		55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	1200		58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	910		60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	1200		54.7	87.7	110	ug/Kg
Total PAH	Total PAH	18840		894	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2300	E	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		56.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	1200		54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57.8	87.7	110	ug/Kg
86-73-7	Fluorene	1100		57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	1000		72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	1200		53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	1600		61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MSD	SDG No.:	BF123124
Lab Sample ID:	P5398-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141055.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1200		56.7	87.7	110	ug/Kg
120-12-7	Anthracene	1300		56.9	87.7	110	ug/Kg
86-74-8	Carbazole	1100		54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	1200		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	1600		110	180	220	ug/Kg
129-00-0	Pyrene	990		56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.5	87.7	110	ug/Kg
218-01-9	Chrysene	1200		53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	990		74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.344		18-112		49	SPK: -150
13127-88-3	Phenol-d6	71.078		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	63.309		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	58.284		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	12/30/2024 12:00:00 AM
Project:		Date Received:	12/30/2024 12:00:00 AM
Client Sample ID:	341-349MSD	SDG No.:	BF123124
Lab Sample ID:	P5398-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141055.D	1	12/31/2024 12:00:00 AM	12/31/2024 12:00:00 AM	PB165929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.848		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	43.662		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236442	6.828				
1146-65-2	Naphthalene-d8	899723	8.11				
15067-26-2	Acenaphthene-d10	422063	9.863				
1517-22-2	Phenanthrene-d10	595521	11.345				
1719-03-5	Chrysene-d12	486184	13.986				
1520-96-3	Perylene-d12	407270	15.445				

Hit Summary Sheet SW-846

SDG No.: BF123124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 341-349								
P5398-01	341-349	Solid	(3E,7E)-4,8,12-Trimethyltrideca-1 *	55.500	J			
P5398-01	341-349	Solid	1,3-Dioctanoin *	70.200	J			
P5398-01	341-349	Solid	1-Nonadecene *	93.300	J			
P5398-01	341-349	Solid	Benzo[e]pyrene *	96.000	J			
P5398-01	341-349	Solid	Benzophenone *	280.000	J			
P5398-01	341-349	Solid	Cyclohexadecane *	87.200	J			
P5398-01	341-349	Solid	Methanone, (1-hydroxycyclohexy *	49.900	J			
P5398-01	341-349	Solid	n-Hexadecanoic acid *	270.000	J			
P5398-01	341-349	Solid	Octadecanoic acid *	100.000	J			
P5398-01	341-349	Solid	Propane, 1,1-dimethoxy- *	64.500	J			
Total Tics :				1,166.60				
P5398-01	341-349	Solid	Benzo(a)anthracene	110.000		54.4	110	ug/Kg
P5398-01	341-349	Solid	Benzo(a)pyrene	160.000		62.7	110	ug/Kg
P5398-01	341-349	Solid	Benzo(b)fluoranthene	180.000		54.7	110	ug/Kg
P5398-01	341-349	Solid	Benzo(g,h,i)perylene	79.100	J	54	110	ug/Kg
P5398-01	341-349	Solid	Benzo(k)fluoranthene	87.200	J	55.7	110	ug/Kg
P5398-01	341-349	Solid	Chrysene	93.400	J	53.6	110	ug/Kg
P5398-01	341-349	Solid	Fluoranthene	130.000		55.1	110	ug/Kg
P5398-01	341-349	Solid	Indeno(1,2,3-cd)pyrene	73.700	J	52.7	110	ug/Kg
P5398-01	341-349	Solid	Pyrene	110.000		56	110	ug/Kg
Total Svoc :				1,023.40				
Total Concentration:				2,190.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122624

SAS No.: BF122624

SDG No.: BF122624

Instrument ID: _____

Calibration Date(s): 12/26/2024

Calibration Time(s): 16:23

LAB FILE ID:		RRF2.5 = BF140970.D			RRF005 = BF140971.D		RRF010 = BF140972.D	
		RRF020 = BF140973.D			RRF040 = BF140974.D		RRF050 = BF140975.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.755	0.738	0.778	0.745	0.742	0.744	2.9
Pyridine		1.621	1.563	1.581	1.437	1.394	1.468	8.2
2-Fluorophenol		1.502	1.422	1.423	1.293	1.258	1.327	9.4
Benzaldehyde			1.193	1.089	0.861	0.792	0.941	20.2
Aniline		1.709	1.702	1.732	1.615	1.480	1.524	15.3
Phenol-d6		1.910	1.839	1.811	1.667	1.625	1.709	8.6
Phenol		1.956	1.880	1.866	1.744	1.683	1.767	8.0
bis(2-Chloroethyl)ether		1.543	1.479	1.449	1.363	1.416	1.427	4.8
2-Chlorophenol		1.556	1.484	1.483	1.386	1.337	1.399	8.2
1,2-Dichlorobenzene		1.660	1.589	1.562	1.416	1.366	1.451	10.7
1,3-Dichlorobenzene		1.736	1.665	1.649	1.516	1.462	1.544	9.2
1,4-Dichlorobenzene		1.749	1.690	1.662	1.517	1.477	1.556	9.3
Benzyl Alcohol		1.333	1.275	1.298	1.226	1.199	1.228	6.6
2-Methylphenol		1.250	1.208	1.226	1.151	1.125	1.162	5.8
2,2-oxybis(1-Chloropropane)		2.420	2.317	2.313	2.112	2.048	2.158	9.0
Acetophenone		0.575	0.535	0.521	0.470	0.459	0.491	11.0
3+4-Methylphenols		1.644	1.624	1.598	1.452	1.387	1.471	10.6
n-Nitroso-di-n-propylamine	1.133	1.140	1.127	1.079	1.008	0.988	1.047	8.0
Nitrobenzene-d5		0.244	0.277	0.321	0.327	0.338	0.313	12.2
Hexachloroethane		0.587	0.573	0.584	0.544	0.538	0.553	5.3
Nitrobenzene		0.288	0.319	0.364	0.367	0.371	0.349	9.5
Isophorone		0.744	0.706	0.714	0.657	0.654	0.680	6.1
2-Nitrophenol		0.067	0.080	0.107	0.127	0.142	0.118	29.3
2,4-Dimethylphenol		0.268	0.255	0.260	0.241	0.241	0.249	5.2
bis(2-Chloroethoxy)methane		0.477	0.462	0.462	0.415	0.412	0.431	8.3
2,4-Dichlorophenol		0.286	0.289	0.295	0.278	0.281	0.282	3.4
1,2,4-Trichlorobenzene		0.354	0.335	0.337	0.312	0.304	0.319	7.4
Benzoic acid			0.099	0.152	0.178	0.198	0.178	26.6
Naphthalene		1.209	1.154	1.142	1.020	0.989	1.054	11.0
4-Chloroaniline		0.414	0.398	0.404	0.367	0.368	0.381	6.2
Hexachlorobutadiene		0.208	0.199	0.196	0.182	0.181	0.188	7.1
Caprolactam		0.098	0.095	0.100	0.094	0.094	0.096	2.4
4-Chloro-3-methylphenol		0.330	0.320	0.327	0.309	0.304	0.313	4.2
2-Methylnaphthalene		0.772	0.740	0.732	0.642	0.629	0.674	10.8
Hexachlorocyclopentadiene		0.165	0.176	0.189	0.187	0.189	0.182	5.0
2,4,6-Trichlorophenol		0.354	0.356	0.398	0.364	0.356	0.366	4.6

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.: BF122624 SAS No.: BF122624 SDG No.: BF122624
Instrument ID: _____ Calibration Date(s): 12/26/2024
Calibration Time(s): 16:23

LAB FILE ID:		RRF2.5 = BF140970.D		RRF005 = BF140971.D		RRF010 = BF140972.D		
		RRF020 = BF140973.D		RRF040 = BF140974.D		RRF050 = BF140975.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.546	1.452	1.378	1.175	1.129	1.255	16.1
2,4,5-Trichlorophenol		0.371	0.389	0.377	0.380	0.386	0.375	3.2
1,1-Biphenyl		1.776	1.696	1.651	1.479	1.421	1.531	11.6
2-Chloronaphthalene		1.362	1.293	1.270	1.140	1.115	1.188	10.2
2-Nitroaniline		0.139	0.182	0.248	0.288	0.306	0.259	28.5
Dimethylphthalate		1.438	1.414	1.389	1.285	1.246	1.316	7.4
Acenaphthylene		1.934	1.869	1.824	1.654	1.619	1.710	9.8
2,6-Dinitrotoluene		0.128	0.173	0.233	0.256	0.269	0.231	25.2
3-Nitroaniline		0.153	0.197	0.260	0.281	0.289	0.255	22.6
Acenaphthene		1.289	1.240	1.229	1.119	1.096	1.156	8.4
2,4-Dinitrophenol			0.037	0.053	0.072	0.086	0.075	35.0
4-Nitrophenol			0.166	0.213	0.229	0.237	0.225	14.4
Dibenzofuran		1.857	1.780	1.743	1.565	1.523	1.624	10.5
2,4-Dinitrotoluene		0.136	0.187	0.265	0.310	0.326	0.273	30.1
Diethylphthalate		1.433	1.386	1.369	1.266	1.230	1.299	7.5
4-Chlorophenyl-phenylether		0.700	0.673	0.653	0.579	0.560	0.606	11.3
Fluorene		1.497	1.432	1.351	1.192	1.146	1.260	13.2
4-Nitroaniline		0.156	0.203	0.257	0.278	0.290	0.255	21.7
4,6-Dinitro-2-methylphenol			0.033	0.051	0.066	0.078	0.067	32.7
n-Nitrosodiphenylamine		0.712	0.675	0.668	0.605	0.594	0.630	8.8
Azobenzene		1.502	1.465	1.448	1.319	1.295	1.363	7.8
2,4,6-Tribromophenol		0.177	0.189	0.203	0.196	0.198	0.194	4.6
4-Bromophenyl-phenylether		0.235	0.229	0.228	0.213	0.212	0.216	7.0
Hexachlorobenzene		0.261	0.247	0.249	0.232	0.231	0.238	6.0
Atrazine		0.218	0.205	0.189	0.156	0.147	0.176	18.5
Pentachlorophenol		0.122	0.137	0.154	0.155	0.156	0.148	9.4
Phenanthrene		1.221	1.168	1.129	1.005	0.982	1.053	11.3
Anthracene		1.187	1.136	1.113	0.991	0.963	1.031	11.0
Carbazole		1.138	1.093	1.076	0.947	0.923	0.992	11.0
Di-n-butylphthalate		1.248	1.238	1.237	1.083	1.054	1.128	9.7
Fluoranthene		1.333	1.274	1.242	1.091	1.050	1.142	12.3
Benzidine		0.422	0.333	0.437	0.415	0.438	0.423	12.6
Pyrene		1.754	1.670	1.701	1.692	1.783	1.749	3.6
Terphenyl-d14		1.275	1.181	1.188	1.141	1.194	1.204	3.6
Butylbenzylphthalate		0.532	0.571	0.640	0.656	0.684	0.639	10.1
3,3-Dichlorobenzidine		0.474	0.455	0.455	0.403	0.382	0.419	9.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF122624 SAS No.: BF122624 SDG No.: BF122624
Instrument ID: _____ Calibration Date(s): 12/26/2024
Calibration Time(s): 16:23

LAB FILE ID:		RRF2.5 = BF140970.D			RRF005 = BF140971.D		RRF010 = BF140972.D	
		RRF020 = BF140973.D			RRF040 = BF140974.D		RRF050 = BF140975.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.573	1.452	1.437	1.369	1.340	1.394	7.4
Chrysene		1.341	1.330	1.327	1.208	1.194	1.257	5.7
Bis(2-ethylhexyl)phthalate		0.822	0.842	0.859	0.820	0.827	0.828	2.5
Di-n-octyl phthalate		1.157	1.231	1.253	1.199	1.170	1.199	2.8
Benzo(b)fluoranthene		1.360	1.564	1.479	1.417	1.306	1.395	7.2
Benzo(k)fluoranthene		1.165	1.121	1.301	1.065	1.073	1.093	11.2
Benzo(a)pyrene		1.146	1.108	1.137	1.069	1.047	1.083	4.6
Indeno(1,2,3-cd)pyrene		1.050	1.009	1.224	1.311	1.397	1.260	13.7
Dibenzo(a,h)anthracene		0.847	0.829	0.992	1.070	1.127	1.021	13.4
Benzo(g,h,i)perylene		0.825	0.811	1.023	1.126	1.194	1.059	16.9
1,2,4,5-Tetrachlorobenzene		0.602	0.586	0.586	0.535	0.527	0.550	7.5
1,4-Dioxane		0.630	0.621	0.624	0.597	0.587	0.601	4.3
2,3,4,6-Tetrachlorophenol		0.303	0.303	0.327	0.314	0.307	0.310	3.0
1-Methylnaphthalene		0.767	0.722	0.710	0.635	0.618	0.663	10.7

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.: BF123124 SAS No.: BF123124 SDG NO.: BF123124

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 31 2024 12:00AM

Lab File ID: BF140974.D Time Analyzed: 10:17

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	264114	6.828	1.04702e+04	8.11	555398	9.86
UPPER LIMIT	528228	7.328	2094040	8.61	1110796	10.363
LOWER LIMIT	132057	6.328	523510	7.61	277699	9.363
EPA SAMPLE NO.						
01 PB165790BL	270516	6.83	1.07997e	8.10	585956	9.86
02 PB165900BS	235504	6.83	932567	8.11	498769	9.86
03 WC-SOIL-20241219MS	230352	6.83	918976	8.11	496643	9.86
04 WC-SOIL-20241219MSD	232407	6.83	925099	8.11	503882	9.86
05 352	258654	6.83	1.02472e	8.10	564439	9.86
06 341-349	234973	6.83	909719	8.11	452308	9.86
07 341-349MS	231983	6.83	899901	8.11	448717	9.86
08 341-349MSD	236442	6.83	899723	8.11	422063	9.86

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.: BF123124 SAS No.: BF123124 SDG NO.: BF123124

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 31 2024 12:00AM

Lab File ID: BF141047.D Time Analyzed: 10:17

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	267957	6.828	1.03083e+01	8.11	541136	9.86
UPPER LIMIT	535914	7.328	2061660	8.61	1082272	10.363
LOWER LIMIT	133978.5	6.328	515415	7.61	270568	9.363
EPA SAMPLE NO.						
01 PB165790BL	270516	6.83	1.07997e	8.10	585956	9.86
02 PB165900BS	235504	6.83	932567	8.11	498769	9.86
03 WC-SOIL-20241219MS	230352	6.83	918976	8.11	496643	9.86
04 WC-SOIL-20241219MSD	232407	6.83	925099	8.11	503882	9.86
05 352	258654	6.83	1.02472e	8.10	564439	9.86
06 341-349	234973	6.83	909719	8.11	452308	9.86
07 341-349MS	231983	6.83	899901	8.11	448717	9.86
08 341-349MSD	236442	6.83	899723	8.11	422063	9.86

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.: BF123124 SAS No.: BF123124 SDG NO.: BF123124

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 31 2024 12:00AM

Lab File ID: BF140974.D Time Analyzed: 10:17

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	980435	11.345	652144	13.986	531798	15.445
UPPER LIMIT	1960870	11.845	1304288	14.486	1063596	15.945
LOWER LIMIT	490217.5	10.845	326072	13.486	265899	14.945
EPA SAMPLE NO.						
01 PB165790BL	1.01279	11.35	831933	13.98	646759	15.45
02 PB165900BS	838285	11.35	501587	13.99	459268	15.45
03 WC-SOIL-20241219MS	836009	11.35	393323	13.99	476566	15.45
04 WC-SOIL-20241219MSD	849705	11.35	416215	13.99	472841	15.44
05 352	941650	11.35	487339	13.98	535691	15.45
06 341-349	616256	11.35	475816	13.98	455094	15.45
07 341-349MS	609963	11.35	489637	13.99	436357	15.45
08 341-349MSD	595521	11.35	486184	13.99	407270	15.45

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.: BF123124 SAS No.: BF123124 SDG NO.: BF123124

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 31 2024 12:00AM

Lab File ID: BF141047.D Time Analyzed: 10:17

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	944319	11.345	516920	13.986	521026	15.445
UPPER LIMIT	1888638	11.845	1033840	14.486	1042052	15.945
LOWER LIMIT	472159.5	10.845	258460	13.486	260513	14.945
EPA SAMPLE NO.						
01 PB165790BL	1.01279	11.35	831933	13.98	646759	15.45
02 PB165900BS	838285	11.35	501587	13.99	459268	15.45
03 WC-SOIL-20241219MS	836009	11.35	393323	13.99	476566	15.45
04 WC-SOIL-20241219MSD	849705	11.35	416215	13.99	472841	15.44
05 352	941650	11.35	487339	13.98	535691	15.45
06 341-349	616256	11.35	475816	13.98	455094	15.45
07 341-349MS	609963	11.35	489637	13.99	436357	15.45
08 341-349MSD	595521	11.35	486184	13.99	407270	15.45

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.: **BF123124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165900BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	330	ug/Kg	19				10	133	
	Aniline	1700	1800	ug/Kg	106		*		38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1700	ug/Kg	100				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1700	ug/Kg	100				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1700	ug/Kg	100				72	108	
	Nitrobenzene	1700	1900	ug/Kg	112		*		57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	2100	ug/Kg	124		*		61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1700	ug/Kg	100				44	110	
	Benzoic acid	1700	1900	ug/Kg	112				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	870	ug/Kg	51				16	100	
	Hexachlorobutadiene	1700	1700	ug/Kg	100		*		53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	6700	ug/Kg	203		*		45	165	
	2,4,6-Trichlorophenol	1700	1900	ug/Kg	112		*		59	102	
	2,4,5-Trichlorophenol	1700	1900	ug/Kg	112		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	2000	ug/Kg	118		*		66	101	
	Dimethylphthalate	1700	1800	ug/Kg	106		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1900	ug/Kg	112		*		61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	29700	ug/Kg	109		*		57	104	
	2,4-Dinitrophenol	3300	4200	ug/Kg	127				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165900BS	4-Nitrophenol	3300	4100	ug/Kg	124		*		48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	2100	ug/Kg	124		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	4000	ug/Kg	118		*		60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1900	ug/Kg	112		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2600	ug/Kg	153		*		76	113	
	N-Nitrosodiphenylamine	1700	1800	ug/Kg	106		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1900	ug/Kg	112		*		66	102	
	Hexachlorobenzene	1700	1900	ug/Kg	112		*		64	98	
	Atrazine	1700	2300	ug/Kg	135				47	152	
	Pentachlorophenol	3300	3800	ug/Kg	115		*		67	105	
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103	
	Anthracene	1700	1900	ug/Kg	112		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	2100	ug/Kg	64				10	98	
	Pyrene	1700	1900	ug/Kg	112		*		59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	2300	ug/Kg	135		*		63	101	
	Dibenz(a,h)anthracene	1700	2200	ug/Kg	129		*		61	112	
	Benzo(g,h,i)perylene	1700	2100	ug/Kg	124		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	2000	ug/Kg	118		*		59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165790BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF123124

SAS No.: BF123124 SDG NO.: BF123124

Lab File ID: BF141048.D

Lab Sample ID: PB165790BL

Instrument ID: BNA_F

Date Extracted: 12/20/2024

Matrix: (soil/water) water

Date Analyzed: 12/31/2024

Level: (low/med) LOW

Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-SOIL-20241219MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF123124

SAS No.: BF123124 SDG NO.: BF123124

Lab File ID: BF141050.D

Lab Sample ID: P5362-02MS

Instrument ID: BNA_F

Date Extracted: 12/27/2024

Matrix: (soil/water) water

Date Analyzed: 12/31/2024

Level: (low/med) LOW

Time Analyzed: 11:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-SOIL-20241219MS	P5362-02MS	BF141050.D	12/31/2024
WC-SOIL-20241219MSD	P5362-02MSD	BF141051.D	12/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165900BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF123124

SAS No.: BF123124 SDG NO.: BF123124

Lab File ID: BF141049.D

Lab Sample ID: PB165900BS

Instrument ID: BNA_F

Date Extracted: 12/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/31/2024

Level: (low/med) LOW

Time Analyzed: 10:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165900BS	PB165900BS	BF141049.D	12/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

352

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF123124

SAS No.: BF123124 SDG NO.: BF123124

Lab File ID: BF141052.D

Lab Sample ID: P5398-03

Instrument ID: BNA_F

Date Extracted: 12/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/31/2024

Level: (low/med) LOW

Time Analyzed: 12:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
352	P5398-03	BF141052.D	12/31/2024
341-349	P5398-01	BF141053.D	12/31/2024
341-349MS	P5398-01MS	BF141054.D	12/31/2024
341-349MSD	P5398-01MSD	BF141055.D	12/31/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5398-01MS		Client Sample ID: 341-349MS		DataFile: BF141054.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		180	ug/Kg	16				10	86	
Aniline	1100		960	ug/Kg	87				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1200	ug/Kg	109				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1400	ug/Kg	127				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		1200	ug/Kg	109	*			50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		420	ug/Kg	38				10	91	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		3000	ug/Kg	130				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1300	ug/Kg	118				70	125	
3-Nitroaniline	1100		890	ug/Kg	81				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600	1023.4	18260	ug/Kg	104				70	121	
2,4-Dinitrophenol	2300		2300	ug/Kg	100				10	155	
4-Nitrophenol	2300		2200	ug/Kg	96				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2600	ug/Kg	118				55	128	
2,4-Dinitrotoluene	1100		1300	ug/Kg	118				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		990	ug/Kg	90				55	120	
4,6-Dinitro-2-methylphenol	1100		1600	ug/Kg	145				10	160	
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*			73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1400	ug/Kg	127	*			65	121	
Hexachlorobenzene	1100		1300	ug/Kg	118				67	118	
Atrazine	1100		1600	ug/Kg	145	*			79	127	
Pentachlorophenol	2300		2400	ug/Kg	104				47	128	
Phenanthrene	1100		1200	ug/Kg	109				52	128	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100	130	1200	ug/Kg	97				44	125	
Benzidine	2300		1300	ug/Kg	57				10	119	
Pyrene	1100	110	970	ug/Kg	78				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				33	116	
Benzo(a)anthracene	1100	110	1200	ug/Kg	99				71	114	
Chrysene	1100	93.4	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				23	175	
Benzo(b)fluoranthene	1100	180	1300	ug/Kg	102				67	121	
Benzo(k)fluoranthene	1100	87.2	1300	ug/Kg	110				57	134	
Benzo(a)pyrene	1100	160	1300	ug/Kg	104				70	142	
Indeno(1,2,3-cd)pyrene	1100	73.7	1000	ug/Kg	84				40	129	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100	79.1	890	ug/Kg	74				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		980	ug/Kg	89				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5398-01MSD		Client Sample ID: 341-349MSD					DataFile: BF141055.D				
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		0		66	124	20
Pyridine	1100		1000	ug/Kg	91		9		45	119	20
Benzaldehyde	1100		190	ug/Kg	17		6		10	86	20
Aniline	1100		910	ug/Kg	83		5		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1000	ug/Kg	91		9		66	104	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		9		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1200	ug/Kg	109		0		70	119	20
Isophorone	1100		1100	ug/Kg	100		0		76	122	20
2-Nitrophenol	1100		1400	ug/Kg	127		0		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		1200	ug/Kg	109	*	0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		430	ug/Kg	39		3		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200		2600	ug/Kg	118		10		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	8		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		9		67	118	20
2-Nitroaniline	1100		1400	ug/Kg	127		7		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	8		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1300	ug/Kg	118		0		70	125	20
3-Nitroaniline	1100		910	ug/Kg	83		2		30	99	20
Acenaphthene	1100		1200	ug/Kg	109		0		70	121	20
Total PAH	17600	1023.4	18840	ug/Kg	107		3		70	121	20
2,4-Dinitrophenol	2200		2000	ug/Kg	91		9		10	155	20
4-Nitrophenol	2200		2300	ug/Kg	105		9		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2600	ug/Kg	118		0		55	128	20
2,4-Dinitrotoluene	1100		1300	ug/Kg	118		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		9		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		1		55	120	20
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127		13		10	160	20
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*	0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1400	ug/Kg	127	*	0		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		8		67	118	20
Atrazine	1100		1600	ug/Kg	145	*	0		79	127	20
Pentachlorophenol	2200		2400	ug/Kg	109		5		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		52	128	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100	130	1200	ug/Kg	97		0		44	125	20
Benzidine	2200		1600	ug/Kg	73		25	*	10	119	20
Pyrene	1100	110	990	ug/Kg	80		3		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		9		33	116	20
Benzo(a)anthracene	1100	110	1200	ug/Kg	99		0		71	114	20
Chrysene	1100	93.4	1200	ug/Kg	101		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100		0		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100	180	1300	ug/Kg	102		0		67	121	20
Benzo(k)fluoranthene	1100	87.2	1400	ug/Kg	119		8		57	134	20
Benzo(a)pyrene	1100	160	1300	ug/Kg	104		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	73.7	1100	ug/Kg	93		10		40	129	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		9		43	123	20
Benzo(g,h,i)perylene	1100	79.1	950	ug/Kg	79		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118		8		69	124	20
1,4-Dioxane	1100		990	ug/Kg	90		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		69	112	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5362-02MS		Client Sample ID: WC-SOIL-20241219MS		DataFile: BF141050.D							
n-Nitrosodimethylamine	500		480	ug/L	96				10	130	
Pyridine	500		310	ug/L	62				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		180	ug/L	36				10	130	
Phenol	500		490	ug/L	98				10	130	
bis(2-Chloroethyl)ether	500		490	ug/L	98				29	141	
2-Chlorophenol	500		540	ug/L	108				23	127	
1,2-Dichlorobenzene	500		500	ug/L	100				61	114	
1,3-Dichlorobenzene	500		490	ug/L	98				65	106	
1,4-Dichlorobenzene	500		490	ug/L	98				55	125	
Benzyl Alcohol	500		510	ug/L	102	*			31	94	
2-Methylphenol	500		530	ug/L	106				37	126	
2,2-oxybis(1-Chloropropane)	500		510	ug/L	102				36	141	
Acetophenone	500		500	ug/L	100				31	164	
3+4-Methylphenols	500		510	ug/L	102				31	127	
N-Nitroso-di-n-propylamine	500		510	ug/L	102				36	147	
Hexachloroethane	500		510	ug/L	102				49	110	
Nitrobenzene	500		560	ug/L	112				62	112	
Isophorone	500		530	ug/L	106				39	146	
2-Nitrophenol	500		660	ug/L	132				30	148	
2,4-Dimethylphenol	500		620	ug/L	124				17	143	
bis(2-Chloroethoxy)methane	500		510	ug/L	102				39	143	
2,4-Dichlorophenol	500		550	ug/L	110				22	146	
1,2,4-Trichlorobenzene	500		490	ug/L	98				66	110	
Benzoic acid	500		560	ug/L	112	*			10	101	
Naphthalene	500		490	ug/L	98				17	157	
4-Chloroaniline	500		46.7	ug/L	9	*			10	95	
Hexachlorobutadiene	500		500	ug/L	100				52	125	
Caprolactam	500		450	ug/L	90				10	130	
4-Chloro-3-methylphenol	500		540	ug/L	108				17	148	
2-Methylnaphthalene	500		520	ug/L	104				38	146	
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*			20	153	
2,4,6-Trichlorophenol	500		570	ug/L	114	*			78	112	
2,4,5-Trichlorophenol	500		570	ug/L	114	*			71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		500	ug/L	100				41	145	
2-Nitroaniline	500		590	ug/L	118				39	151	
Dimethylphthalate	500		550	ug/L	110				42	147	
Acenaphthylene	500		540	ug/L	108				40	141	
2,6-Dinitrotoluene	500		600	ug/L	120				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		600	ug/L	120				37	146	
Total PAH	8000		8920	ug/L	112				37	146	
2,4-Dinitrophenol	1000		1300	ug/L	130				14	167	
4-Nitrophenol	1000		1200	ug/L	120				10	130	
Dibenzofuran	500		530	ug/L	106				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		660	ug/L	132				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1260	ug/L	126				50	142	
Diethylphthalate	500		540	ug/L	108				41	148	
4-Chlorophenyl-phenylether	500		520	ug/L	104				38	149	
Fluorene	500		510	ug/L	102				39	144	
4-Nitroaniline	500		470	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	500		820	ug/L	164				32	175	
N-Nitrosodiphenylamine	500		530	ug/L	106				40	150	
Azobenzene	500		510	ug/L	102				72	112	
4-Bromophenyl-phenylether	500		580	ug/L	116				42	151	
Hexachlorobenzene	500		570	ug/L	114				72	115	
Atrazine	500		410	ug/L	82				20	162	
Pentachlorophenol	1000		1200	ug/L	120				25	139	
Phenanthrene	500		540	ug/L	108				40	147	
Anthracene	500		550	ug/L	110				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		550	ug/L	110				40	151	
Fluoranthene	500		470	ug/L	94				42	146	
Benzidine	1000	90.5	69.2	ug/L	-2	*			10	130	
Pyrene	500		640	ug/L	128				41	149	
Butylbenzylphthalate	500		660	ug/L	132				39	155	
3,3-Dichlorobenzidine	500		120	ug/L	24				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		540	ug/L	108				44	144	
bis(2-Ethylhexyl)phthalate	500		560	ug/L	112				33	160	
Di-n-octyl phthalate	500		600	ug/L	120				36	158	
Benzo(b)fluoranthene	500		460	ug/L	92				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		570	ug/L	114				42	147	
Indeno(1,2,3-cd)pyrene	500		680	ug/L	136				30	166	
Dibenz(a,h)anthracene	500		680	ug/L	136				23	172	
Benzo(g,h,i)perylene	500		620	ug/L	124				27	167	
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*			89	102	
1,4-Dioxane	500		450	ug/L	90				38	130	
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*			91	111	
1-Methylnaphthalene	500		490	ug/L	98				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5362-02MSD		Client Sample ID: WC-SOIL-20241219MSD		DataFile: BF141051.D							
n-Nitrosodimethylamine	500		470	ug/L	94		2		10	130	20
Pyridine	500		310	ug/L	62		0		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		180	ug/L	36		0		10	130	20
Phenol	500		480	ug/L	96		2		10	130	20
bis(2-Chloroethyl)ether	500		480	ug/L	96		2		29	141	20
2-Chlorophenol	500		530	ug/L	106		2		23	127	20
1,2-Dichlorobenzene	500		490	ug/L	98		2		61	114	20
1,3-Dichlorobenzene	500		470	ug/L	94		4		65	106	20
1,4-Dichlorobenzene	500		470	ug/L	94		4		55	125	20
Benzyl Alcohol	500		500	ug/L	100	*	2		31	94	20
2-Methylphenol	500		510	ug/L	102		4		37	126	20
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98		4		36	141	20
Acetophenone	500		480	ug/L	96		4		31	164	20
3+4-Methylphenols	500		500	ug/L	100		2		31	127	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		4		36	147	20
Hexachloroethane	500		490	ug/L	98		4		49	110	20
Nitrobenzene	500		550	ug/L	110		2		62	112	20
Isophorone	500		510	ug/L	102		4		39	146	20
2-Nitrophenol	500		640	ug/L	128		3		30	148	20
2,4-Dimethylphenol	500		610	ug/L	122		2		17	143	20
bis(2-Chloroethoxy)methane	500		500	ug/L	100		2		39	143	20
2,4-Dichlorophenol	500		530	ug/L	106		4		22	146	20
1,2,4-Trichlorobenzene	500		490	ug/L	98		0		66	110	20
Benzoic acid	500		560	ug/L	112	*	0		10	101	20
Naphthalene	500		480	ug/L	96		2		17	157	20
4-Chloroaniline	500		40.9	ug/L	8	*	12		10	95	20
Hexachlorobutadiene	500		490	ug/L	98		2		52	125	20
Caprolactam	500		430	ug/L	86		5		10	130	20
4-Chloro-3-methylphenol	500		530	ug/L	106		2		17	148	20
2-Methylnaphthalene	500		500	ug/L	100		4		38	146	20
Hexachlorocyclopentadiene	1000		1800	ug/L	180	*	5		20	153	20
2,4,6-Trichlorophenol	500		560	ug/L	112		2		78	112	20
2,4,5-Trichlorophenol	500		550	ug/L	110		4		71	111	20
1,1-Biphenyl	500		500	ug/L	100		2		38	154	20
2-Chloronaphthalene	500		490	ug/L	98		2		41	145	20
2-Nitroaniline	500		580	ug/L	116		2		39	151	20
Dimethylphthalate	500		540	ug/L	108		2		42	147	20
Acenaphthylene	500		530	ug/L	106		2		40	141	20
2,6-Dinitrotoluene	500		580	ug/L	116		3		43	148	20
3-Nitroaniline	500		120	ug/L	24		8		10	111	20
Acenaphthene	500		580	ug/L	116		3		37	146	20
Total PAH	8000		8700	ug/L	109		3		37	146	20
2,4-Dinitrophenol	1000		1300	ug/L	130		0		14	167	20
4-Nitrophenol	1000		1200	ug/L	120		0		10	130	20
Dibenzofuran	500		510	ug/L	102		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		640	ug/L	128		3		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1220	ug/L	122		3		50	142	20
Diethylphthalate	500		520	ug/L	104		4		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		2		38	149	20
Fluorene	500		500	ug/L	100		2		39	144	20
4-Nitroaniline	500		450	ug/L	90		4		27	138	20
4,6-Dinitro-2-methylphenol	500		790	ug/L	158		4		32	175	20
N-Nitrosodiphenylamine	500		510	ug/L	102		4		40	150	20
Azobenzene	500		500	ug/L	100		2		72	112	20
4-Bromophenyl-phenylether	500		560	ug/L	112		4		42	151	20
Hexachlorobenzene	500		550	ug/L	110		4		72	115	20
Atrazine	500		380	ug/L	76		8		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		9		25	139	20
Phenanthrene	500		520	ug/L	104		4		40	147	20
Anthracene	500		540	ug/L	108		2		41	146	20
Carbazole	500		470	ug/L	94		4		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		4		40	151	20
Fluoranthene	500		470	ug/L	94		0		42	146	20
Benzidine	1000	90.5	51	ug/L	-4	*	67	*	10	130	20
Pyrene	500		620	ug/L	124		3		41	149	20
Butylbenzylphthalate	500		630	ug/L	126		5		39	155	20
3,3-Dichlorobenzidine	500		100	ug/L	20		18		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		2		41	147	20
Chrysene	500		510	ug/L	102		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		540	ug/L	108		4		33	160	20
Di-n-octyl phthalate	500		560	ug/L	112		7		36	158	20
Benzo(b)fluoranthene	500		450	ug/L	90		2		40	150	20
Benzo(k)fluoranthene	500		530	ug/L	106		0		40	147	20
Benzo(a)pyrene	500		560	ug/L	112		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		670	ug/L	134		1		30	166	20
Dibenz(a,h)anthracene	500		660	ug/L	132		3		23	172	20
Benzo(g,h,i)perylene	500		590	ug/L	118		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		2		89	102	20
1,4-Dioxane	500		430	ug/L	86		5		38	130	20
2,3,4,6-Tetrachlorophenol	500		590	ug/L	118	*	2		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		2		25	151	20

Surrogate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165790BL	PB165790BL	BF141048.D	2-Fluorophenol	150	127.05	85		10	139
			Phenol-d6	150	124.45	83		10	134
			Nitrobenzene-d5	100	108.93	109		49	133
			2-Fluorobiphenyl	100	87.93	88		52	132
			2,4,6-Tribromophenol	150	154.79	103		44	137
			Terphenyl-d14	100	80.03	80		48	125

Surrogate Summary

SW-846

SDG No.: **BF123124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5362-02MS	WC-SOIL-2024121 BF141050.D		2-Fluorophenol	150	148.05	99		10	139
			Phenol-d6	150	143.78	96		10	134
			Nitrobenzene-d5	100	130.30	130		49	133
			2-Fluorobiphenyl	100	103.60	104		52	132
			2,4,6-Tribromophenol	150	189.59	126		44	137
			Terphenyl-d14	100	125.65	126	*	48	125
P5362-02MSD	WC-SOIL-2024121 BF141051.D		2-Fluorophenol	150	144.78	97		10	139
			Phenol-d6	150	140.91	94		10	134
			Nitrobenzene-d5	100	126.61	127		49	133
			2-Fluorobiphenyl	100	100.38	100		52	132
			2,4,6-Tribromophenol	150	184.24	123		44	137
			Terphenyl-d14	100	121.82	122		48	125

Surrogate Summary

SW-846

SDG No.: BF123124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165900BS	PB165900BS	BF141049.D	2-Fluorophenol	150	139.51	93		18	112
			Phenol-d6	150	137.07	91		15	107
			Nitrobenzene-d5	100	120.07	120	*	18	107
			2-Fluorobiphenyl	100	97.62	98		20	109
			2,4,6-Tribromophenol	150	174.86	117	*	10	116
			Terphenyl-d14	100	111.30	111	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF123124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5398-01	341-349	BF141053.D	2-Fluorophenol	150	97.00	65		18	112
			Phenol-d6	150	92.15	61		15	107
			Nitrobenzene-d5	100	81.70	82		18	107
			2-Fluorobiphenyl	100	71.27	71		20	109
			2,4,6-Tribromophenol	150	101.12	67		10	116
			Terphenyl-d14	100	53.17	53		10	105
P5398-01MS	341-349MS	BF141054.D	2-Fluorophenol	150	74.11	49		18	112
			Phenol-d6	150	71.59	48		15	107
			Nitrobenzene-d5	100	62.66	63		18	107
			2-Fluorobiphenyl	100	55.40	55		20	109
			2,4,6-Tribromophenol	150	77.16	51		10	116
			Terphenyl-d14	100	43.19	43		10	105
P5398-01MSD	341-349MSD	BF141055.D	2-Fluorophenol	150	73.34	49		18	112
			Phenol-d6	150	71.08	47		15	107
			Nitrobenzene-d5	100	63.31	63		18	107
			2-Fluorobiphenyl	100	58.28	58		20	109
			2,4,6-Tribromophenol	150	78.85	53		10	116
			Terphenyl-d14	100	43.66	44		10	105
P5398-03	352	BF141052.D	2-Fluorophenol	150	30.25	20		18	112
			Phenol-d6	150	43.09	29		15	107
			Nitrobenzene-d5	100	44.98	45		18	107
			2-Fluorobiphenyl	100	39.88	40		20	109
			2,4,6-Tribromophenol	150	27.83	19		10	116
			Terphenyl-d14	100	50.83	51		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF123124

Lab Code: CHEM

SAS No.: BF123124 SDG NO.: BF123124

Lab File ID: BF141046.D

DFTPP Injection Date: 12/31/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.9
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	6.8
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	90.4
443	15.0 - 24.0% of mass 442	17.6 (19.5) 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	BF141047.D	12/31/2024	09:50
PB165790BL	PB165790BL	BF141048.D	12/31/2024	10:17
PB165900BS	PB165900BS	BF141049.D	12/31/2024	10:44
WC-SOIL-20241219MS	P5362-02MS	BF141050.D	12/31/2024	11:23
WC-SOIL-20241219MSD	P5362-02MSD	BF141051.D	12/31/2024	11:49
352	P5398-03	BF141052.D	12/31/2024	12:16
341-349	P5398-01	BF141053.D	12/31/2024	12:42
341-349MS	P5398-01MS	BF141054.D	12/31/2024	13:09
341-349MSD	P5398-01MSD	BF141055.D	12/31/2024	13:35
SSTDCCC040EC	SSTDCCC040	BF141056.D	12/31/2024	14:18