

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF011525 SAS No.: BF011525 SDG No.: BF011525
Instrument ID: BNA_F Calibration Date/Time: 1/15/2025 1:09:34
Lab File ID: BF141163.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	0.691	0.663		-4.052	
Pyridine	1.414	1.322		-6.506	
2-Fluorophenol	1.295	1.263		-2.471	
Benzaldehyde	0.966	0.866		-10.352	
Aniline	1.456	1.367		-6.113	
Phenol-d6	1.640	1.570		-4.268	
Phenol	1.756	1.667		-5.068	20.0
bis(2-Chloroethyl)ether	1.308	1.229		-6.04	
2-Chlorophenol	1.389	1.347		-3.024	
1,2-Dichlorobenzene	1.456	1.415		-2.816	
1,3-Dichlorobenzene	1.549	1.497		-3.357	
1,4-Dichlorobenzene	1.561	1.517		-2.819	20.0
Benzyl Alcohol	1.184	1.160		-2.027	
2-Methylphenol	1.121	1.090		-2.765	
2,2-oxybis(1-Chloropropane)	1.826	1.648		-9.748	
Acetophenone	0.475	0.457		-3.789	
3+4-Methylphenols	1.415	1.349		-4.664	
n-Nitroso-di-n-propylamine	0.966	0.881	0.050	-8.799	
Nitrobenzene-d5	0.377	0.370		-1.857	
Hexachloroethane	0.565	0.551		-2.478	
Nitrobenzene	0.393	0.385		-2.036	
Isophorone	0.645	0.612		-5.116	
2-Nitrophenol	0.179	0.184		2.793	20.0
2,4-Dimethylphenol	0.241	0.232		-3.734	
bis(2-Chloroethoxy)methane	0.405	0.380		-6.173	
2,4-Dichlorophenol	0.287	0.284		-1.045	20.0
1,2,4-Trichlorobenzene	0.328	0.317		-3.354	
Benzoic acid	0.231	0.241		4.329	
Naphthalene	1.055	1.026		-2.749	
4-Chloroaniline	0.365	0.344		-5.753	
Hexachlorobutadiene	0.197	0.196		-0.508	20.0
Caprolactam	0.094	0.092		-2.128	
4-Chloro-3-methylphenol	0.313	0.306		-2.236	20.0
2-Methylnaphthalene	0.672	0.639		-4.911	
Hexachlorocyclopentadiene	0.188	0.199	0.050	5.851	
2,4,6-Trichlorophenol	0.387	0.370		-4.393	20.0
2-Fluorobiphenyl	1.310	1.231		-6.031	
2,4,5-Trichlorophenol	0.409	0.404		-1.222	
1,1-Biphenyl	1.553	1.467		-5.538	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.210	1.166		-3.636	
2-Nitroaniline	0.359	0.353		-1.671	
Dimethylphthalate	1.343	1.288		-4.095	
Acenaphthylene	1.728	1.651		-4.456	
2,6-Dinitrotoluene	0.312	0.308		-1.282	
3-Nitroaniline	0.317	0.324		2.208	
Acenaphthene	1.208	1.176		-2.649	20.0
2,4-Dinitrophenol	0.148	0.159	0.050	7.432	
4-Nitrophenol	0.248	0.265	0.050	6.855	
Dibenzofuran	1.642	1.566		-4.629	
2,4-Dinitrotoluene	0.402	0.413		2.736	
Diethylphthalate	1.311	1.242		-5.263	
4-Chlorophenyl-phenylether	0.622	0.595		-4.341	
Fluorene	1.276	1.223		-4.154	
4-Nitroaniline	0.311	0.328		5.466	
4,6-Dinitro-2-methylphenol	0.116	0.131		12.931	
n-Nitrosodiphenylamine	0.645	0.629		-2.481	20.0
Azobenzene	1.293	1.220		-5.646	
2,4,6-Tribromophenol	0.228	0.234		2.632	
4-Bromophenyl-phenylether	0.230	0.229		-0.435	
Hexachlorobenzene	0.256	0.257		0.391	
Atrazine	0.174	0.143		-17.816	
Pentachlorophenol	0.164	0.178		8.537	20.0
Phenanthrene	1.074	1.070		-0.372	
Anthracene	1.044	1.044		0.0	
Carbazole	0.957	0.989		3.344	
Di-n-butylphthalate	1.096	1.092		-0.365	
Fluoranthene	1.071	1.131		5.602	20.0
Benzidine	0.371	0.551		48.518	
Pyrene	1.910	1.798		-5.864	
Terphenyl-d14	1.346	1.266		-5.944	
Butylbenzylphthalate	0.637	0.622		-2.355	
3,3-Dichlorobenzidine	0.433	0.415		-4.157	
Benzo(a)anthracene	1.361	1.300		-4.482	
Chrysene	1.274	1.151		-9.655	
Bis(2-ethylhexyl)phthalate	0.764	0.720		-5.759	
Di-n-octyl phthalate	1.154	0.997		-13.605	20.0
Benzo(b)fluoranthene	1.290	1.198		-7.132	
Benzo(k)fluoranthene	1.090	1.161		6.514	

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Lab File ID: BF141163.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	1.064	1.042		-2.068	20.0
Indeno(1,2,3-cd)pyrene	1.465	1.419		-3.14	
Dibenzo(a,h)anthracene	1.185	1.151		-2.869	
Benzo(g,h,i)perylene	1.233	1.220		-1.054	
1,2,4,5-Tetrachlorobenzene	0.574	0.557		-2.962	
1,4-Dioxane	0.577	0.535		-7.279	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.329		-3.235	
1-Methylnaphthalene	0.662	0.629		-4.985	

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.: BF011525 SAS No.: BF011525 SDG No.: BF011525

Instrument ID: BNA_F Calibration Date/Time: 1/15/2025 1:17:10

Lab File ID: BF141177.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	0.691	0.623		-9.841	50.0
Pyridine	1.414	1.263		-10.679	50.0
2-Fluorophenol	1.295	1.226		-5.328	50.0
Benzaldehyde	0.966	0.898		-7.039	50.0
Aniline	1.456	1.279		-12.157	50.0
Phenol-d6	1.640	1.520		-7.317	50.0
Phenol	1.756	1.619		-7.802	50.0
bis(2-Chloroethyl) ether	1.308	1.235		-5.581	50.0
2-Chlorophenol	1.389	1.328		-4.392	50.0
1,2-Dichlorobenzene	1.456	1.395		-4.19	50.0
1,3-Dichlorobenzene	1.549	1.492		-3.68	50.0
1,4-Dichlorobenzene	1.561	1.490		-4.548	50.0
Benzyl Alcohol	1.184	1.138		-3.885	50.0
2-Methylphenol	1.121	1.056		-5.798	50.0
2,2-oxybis(1-Chloropropane)	1.826	1.658		-9.2	50.0
Acetophenone	0.475	0.447		-5.895	50.0
3+4-Methylphenols	1.415	1.324		-6.431	50.0
n-Nitroso-di-n-propylamine	0.966	0.896	0.050	-7.246	50.0
Nitrobenzene-d5	0.377	0.364		-3.448	50.0
Hexachloroethane	0.565	0.550		-2.655	50.0
Nitrobenzene	0.393	0.375		-4.58	50.0
Isophorone	0.645	0.606		-6.047	50.0
2-Nitrophenol	0.179	0.182		1.676	50.0
2,4-Dimethylphenol	0.241	0.227		-5.809	50.0
bis(2-Chloroethoxy) methane	0.405	0.383		-5.432	50.0
2,4-Dichlorophenol	0.287	0.279		-2.787	50.0
1,2,4-Trichlorobenzene	0.328	0.320		-2.439	50.0
Benzoic acid	0.231	0.235		1.732	50.0
Naphthalene	1.055	1.004		-4.834	50.0
4-Chloroaniline	0.365	0.313		-14.247	50.0
Hexachlorobutadiene	0.197	0.199		1.015	50.0
Caprolactam	0.094	0.085		-9.574	50.0
4-Chloro-3-methylphenol	0.313	0.296		-5.431	50.0
2-Methylnaphthalene	0.672	0.642		-4.464	50.0
Hexachlorocyclopentadiene	0.188	0.208	0.050	10.638	50.0
2,4,6-Trichlorophenol	0.387	0.392		1.292	50.0
2-Fluorobiphenyl	1.310	1.277		-2.519	50.0
2,4,5-Trichlorophenol	0.409	0.389		-4.89	50.0
1,1-Biphenyl	1.553	1.513		-2.576	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.210	1.171		-3.223	50.0
2-Nitroaniline	0.359	0.342		-4.735	50.0
Dimethylphthalate	1.343	1.285		-4.319	50.0
Acenaphthylene	1.728	1.643		-4.919	50.0
2,6-Dinitrotoluene	0.312	0.301		-3.526	50.0
3-Nitroaniline	0.317	0.301		-5.047	50.0
Acenaphthene	1.208	1.172		-2.98	50.0
2,4-Dinitrophenol	0.148	0.154	0.050	4.054	50.0
4-Nitrophenol	0.248	0.232	0.050	-6.452	50.0
Dibenzofuran	1.642	1.553		-5.42	50.0
2,4-Dinitrotoluene	0.402	0.390		-2.985	50.0
Diethylphthalate	1.311	1.242		-5.263	50.0
4-Chlorophenyl-phenylether	0.622	0.601		-3.376	50.0
Fluorene	1.276	1.200		-5.956	50.0
4-Nitroaniline	0.311	0.284		-8.682	50.0
4,6-Dinitro-2-methylphenol	0.116	0.131		12.931	50.0
n-Nitrosodiphenylamine	0.645	0.660		2.326	50.0
Azobenzene	1.293	1.190		-7.966	50.0
2,4,6-Tribromophenol	0.228	0.223		-2.193	50.0
4-Bromophenyl-phenylether	0.230	0.242		5.217	50.0
Hexachlorobenzene	0.256	0.266		3.906	50.0
Atrazine	0.174	0.141		-18.966	50.0
Pentachlorophenol	0.164	0.171		4.268	50.0
Phenanthrene	1.074	1.061		-1.21	50.0
Anthracene	1.044	1.038		-0.575	50.0
Carbazole	0.957	0.930		-2.821	50.0
Di-n-butylphthalate	1.096	1.104		0.73	50.0
Fluoranthene	1.071	1.005		-6.162	50.0
Benzidine	0.371	0.456		22.911	50.0
Pyrene	1.910	1.715		-10.209	50.0
Terphenyl-d14	1.346	1.235		-8.247	50.0
Butylbenzylphthalate	0.637	0.602		-5.495	50.0
3,3-Dichlorobenzidine	0.433	0.437		0.924	50.0
Benzo(a)anthracene	1.361	1.281		-5.878	50.0
Chrysene	1.274	1.141		-10.44	50.0
Bis(2-ethylhexyl)phthalate	0.764	0.750		-1.832	50.0
Di-n-octyl phthalate	1.154	1.233		6.846	50.0
Benzo(b)fluoranthene	1.290	1.133		-12.171	50.0
Benzo(k)fluoranthene	1.090	1.067		-2.11	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.064	1.016		-4.511	50.0
Indeno(1,2,3-cd)pyrene	1.465	1.497		2.184	50.0
Dibenzo(a,h)anthracene	1.185	1.222		3.122	50.0
Benzo(g,h,i)perylene	1.233	1.275		3.406	50.0
1,2,4,5-Tetrachlorobenzene	0.574	0.580		1.045	50.0
1,4-Dioxane	0.577	0.509		-11.785	50.0
2,3,4,6-Tetrachlorophenol	0.340	0.315		-7.353	50.0
1-Methylnaphthalene	0.662	0.620		-6.344	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BL	SDG No.:	BF011525
Lab Sample ID:	PB166052BL	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
BF141164.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BL	SDG No.:	BF011525
Lab Sample ID:	PB166052BL	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
BF141164.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

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:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BL	SDG No.:	BF011525
Lab Sample ID:	PB166052BL	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
BF141164.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

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	135.107		10-139		90	SPK: -150
13127-88-3	Phenol-d6	131.19		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	94.204		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	94.039		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BL	SDG No.:	BF011525
Lab Sample ID:	PB166052BL	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
BF141164.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.78		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	80.174		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132008	6.816				
1146-65-2	Naphthalene-d8	515489	8.098				
15067-26-2	Acenaphthene-d10	274768	9.857				
1517-22-2	Phenanthrene-d10	464918	11.345				
1719-03-5	Chrysene-d12	373614	13.98				
1520-96-3	Perylene-d12	307204	15.445				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2	J			2.146	
004744-10-9	Propane, 1,1-dimethoxy-	3.5	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.9	A			5.051	



Client:				Date Collected:	1/13/2025 12:00:00 AM	
Project:				Date Received:	1/13/2025 12:00:00 AM	
Client Sample ID:	PB166035BS			SDG No.:	BF011525	
Lab Sample ID:	PB166035BS			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
BF141165.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1300		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	280	J	180	270	330	ug/Kg
62-53-3	Aniline	1300		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	740		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BS	SDG No.:	BF011525
Lab Sample ID:	PB166035BS	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
BF141165.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	940		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2000		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BS	SDG No.:	BF011525
Lab Sample ID:	PB166035BS	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
BF141165.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	1800		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.966		18-112		85	SPK: -150
13127-88-3	Phenol-d6	126.975		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	88.702		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.547		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BS	SDG No.:	BF011525
Lab Sample ID:	PB166035BS	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
BF141165.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.817		10-116		98	SPK: -150
1718-51-0	Terphenyl-d14	88.698		10-105		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141578	6.822				
1146-65-2	Naphthalene-d8	559409	8.104				
15067-26-2	Acenaphthene-d10	296383	9.863				
1517-22-2	Phenanthrene-d10	515619	11.345				
1719-03-5	Chrysene-d12	346259	13.986				
1520-96-3	Perylene-d12	300143	15.445				

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166026TB	SDG No.:	BF011525
Lab Sample ID:	PB166026TB	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
BF141166.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

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

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166026TB	SDG No.:	BF011525
Lab Sample ID:	PB166026TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141166.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

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

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166026TB	SDG No.:	BF011525
Lab Sample ID:	PB166026TB	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
BF141166.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.019		10-139		95	SPK: -150
13127-88-3	Phenol-d6	140.893		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	99.681		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	99.647		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166026TB	SDG No.:	BF011525
Lab Sample ID:	PB166026TB	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
BF141166.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.92		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	85.758		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143758	6.822				
1146-65-2	Naphthalene-d8	562525	8.098				
15067-26-2	Acenaphthene-d10	296485	9.857				
1517-22-2	Phenanthrene-d10	497926	11.339				
1719-03-5	Chrysene-d12	383243	13.98				
1520-96-3	Perylene-d12	298053	15.439				

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BS	SDG No.:	BF011525
Lab Sample ID:	PB166008BS	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
BF141167.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.1		1	8	10	ug/L
110-86-1	Pyridine	44.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.4	J	4	8	10	ug/L
62-53-3	Aniline	40		1.6	4	5	ug/L
108-95-2	Phenol	50		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	53.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	50.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	49.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	53.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	51.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48		1.4	4	5	ug/L
98-86-2	Acetophenone	50.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	51.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	49.9		1	4	5	ug/L
98-95-3	Nitrobenzene	48.7		1.3	4	5	ug/L
78-59-1	Isophorone	51.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.2		5.5	8	10	ug/L
91-20-3	Naphthalene	50.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	49.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BS	SDG No.:	BF011525
Lab Sample ID:	PB166008BS	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
BF141167.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	53		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	50.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	54.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	50.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	53.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	27.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.6		0.81	4	5	ug/L
Total PAH	Total PAH	840.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	51.9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	54.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	49.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.3		0.98	4	5	ug/L
86-73-7	Fluorene	51.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	51.5		0.89	4	5	ug/L
103-33-3	Azobenzene	50.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	52.8		1.1	4	5	ug/L
1912-24-9	Atrazine	64.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BS	SDG No.:	BF011525
Lab Sample ID:	PB166008BS	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
BF141167.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	53.7		0.89	4	5	ug/L
120-12-7	Anthracene	56.7		1.1	4	5	ug/L
86-74-8	Carbazole	55.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	57.6		1.3	4	5	ug/L
92-87-5	Benzidine	53.8		4.1	8	10	ug/L
129-00-0	Pyrene	48.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.4		0.94	4	5	ug/L
218-01-9	Chrysene	48.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	56.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	48.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.402		10-139		95	SPK: -150
13127-88-3	Phenol-d6	141.375		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	98.643		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	96.995		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BS	SDG No.:	BF011525
Lab Sample ID:	PB166008BS	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
BF141167.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.481		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	97.754		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128373	6.822				
1146-65-2	Naphthalene-d8	503608	8.104				
15067-26-2	Acenaphthene-d10	270144	9.863				
1517-22-2	Phenanthrene-d10	467141	11.345				
1719-03-5	Chrysene-d12	312476	13.986				
1520-96-3	Perylene-d12	279285	15.445				

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BSD	SDG No.:	BF011525
Lab Sample ID:	PB166008BSD	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
BF141168.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.3		1	8	10	ug/L
110-86-1	Pyridine	39.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	8.4	J	4	8	10	ug/L
62-53-3	Aniline	34.5		1.6	4	5	ug/L
108-95-2	Phenol	43.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.6		1.4	4	5	ug/L
98-86-2	Acetophenone	45.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.5		1	4	5	ug/L
98-95-3	Nitrobenzene	42.9		1.3	4	5	ug/L
78-59-1	Isophorone	45.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.5		5.5	8	10	ug/L
91-20-3	Naphthalene	44.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	17.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BSD	SDG No.:	BF011525
Lab Sample ID:	PB166008BSD	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
BF141168.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	24.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.5		0.81	4	5	ug/L
Total PAH	Total PAH	747.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	44.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44		0.98	4	5	ug/L
86-73-7	Fluorene	45.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.89	4	5	ug/L
103-33-3	Azobenzene	44.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.2		1.1	4	5	ug/L
1912-24-9	Atrazine	59.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BSD	SDG No.:	BF011525
Lab Sample ID:	PB166008BSD	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
BF141168.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.6	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48.2		0.89	4	5	ug/L
120-12-7	Anthracene	50.2		1.1	4	5	ug/L
86-74-8	Carbazole	49.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	50.9		1.3	4	5	ug/L
92-87-5	Benzidine	47.3		4.1	8	10	ug/L
129-00-0	Pyrene	43.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	46.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44		0.94	4	5	ug/L
218-01-9	Chrysene	46.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	44.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	40.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.611		10-139		84	SPK: -150
13127-88-3	Phenol-d6	123.308		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	86.537		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	85.527		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	PB166008BSD	SDG No.:	BF011525
Lab Sample ID:	PB166008BSD	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
BF141168.D	1	1/10/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166008

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.3		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	85.652		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146493	6.822				
1146-65-2	Naphthalene-d8	573218	8.104				
15067-26-2	Acenaphthene-d10	303733	9.863				
1517-22-2	Phenanthrene-d10	523103	11.345				
1719-03-5	Chrysene-d12	352265	13.986				
1520-96-3	Perylene-d12	315042	15.445				



Client:				Date Collected:	1/13/2025 12:00:00 AM	
Project:				Date Received:	1/13/2025 12:00:00 AM	
Client Sample ID:	PB166035BL			SDG No.:	BF011525	
Lab Sample ID:	PB166035BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141169.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

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

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BL	SDG No.:	BF011525
Lab Sample ID:	PB166035BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141169.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BL	SDG No.:	BF011525
Lab Sample ID:	PB166035BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141169.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.284		18-112		92	SPK: -150
13127-88-3	Phenol-d6	135.55		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.444		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	97.608		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	1/13/2025 12:00:00 AM
Project:		Date Received:	1/13/2025 12:00:00 AM
Client Sample ID:	PB166035BL	SDG No.:	BF011525
Lab Sample ID:	PB166035BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141169.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.913		10-116		102	SPK: -150
1718-51-0	Terphenyl-d14	82.634		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136764	6.816				
1146-65-2	Naphthalene-d8	539364	8.098				
15067-26-2	Acenaphthene-d10	276861	9.857				
1517-22-2	Phenanthrene-d10	476305	11.339				
1719-03-5	Chrysene-d12	381699	13.98				
1520-96-3	Perylene-d12	303475	15.439				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	110	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.051	

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BS	SDG No.:	BF011525
Lab Sample ID:	PB166052BS	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
BF141170.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.2		1	8	10	ug/L
110-86-1	Pyridine	44.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.3	J	4	8	10	ug/L
62-53-3	Aniline	38.5		1.6	4	5	ug/L
108-95-2	Phenol	49.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	53.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	50.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	49.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	53.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	53.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.6		1.4	4	5	ug/L
98-86-2	Acetophenone	50.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	51		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	49.3		1	4	5	ug/L
98-95-3	Nitrobenzene	48.4		1.3	4	5	ug/L
78-59-1	Isophorone	51.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.6		5.5	8	10	ug/L
91-20-3	Naphthalene	49.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BS	SDG No.:	BF011525
Lab Sample ID:	PB166052BS	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
BF141170.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	51.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	55.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	51.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	58.4		0.81	4	5	ug/L
Total PAH	Total PAH	836.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	52.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	54.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.5		0.98	4	5	ug/L
86-73-7	Fluorene	51.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	51.6		0.89	4	5	ug/L
103-33-3	Azobenzene	50.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	52.4		1.1	4	5	ug/L
1912-24-9	Atrazine	65.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BS	SDG No.:	BF011525
Lab Sample ID:	PB166052BS	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
BF141170.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	54.4		0.89	4	5	ug/L
120-12-7	Anthracene	56.1		1.1	4	5	ug/L
86-74-8	Carbazole	55.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	57.2		1.3	4	5	ug/L
92-87-5	Benzidine	46.3		4.1	8	10	ug/L
129-00-0	Pyrene	47.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.3		0.94	4	5	ug/L
218-01-9	Chrysene	48.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	50.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	56.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	56.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	43.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	48.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.944		10-139		94	SPK: -150
13127-88-3	Phenol-d6	137.599		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	96.342		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	96.814		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	1/14/2025 12:00:00 AM
Project:		Date Received:	1/14/2025 12:00:00 AM
Client Sample ID:	PB166052BS	SDG No.:	BF011525
Lab Sample ID:	PB166052BS	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
BF141170.D	1	1/14/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.616		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	93.229		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127479	6.822				
1146-65-2	Naphthalene-d8	506328	8.104				
15067-26-2	Acenaphthene-d10	267808	9.857				
1517-22-2	Phenanthrene-d10	466174	11.345				
1719-03-5	Chrysene-d12	323562	13.986				
1520-96-3	Perylene-d12	280381	15.445				



Client:				Date Collected:	1/15/2025 12:00:00 AM	
Project:				Date Received:	1/15/2025 12:00:00 AM	
Client Sample ID:	PB166061BL			SDG No.:	BF011525	
Lab Sample ID:	PB166061BL			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
BF141171.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

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

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BL	SDG No.:	BF011525
Lab Sample ID:	PB166061BL	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
BF141171.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

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

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BL	SDG No.:	BF011525
Lab Sample ID:	PB166061BL	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
BF141171.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.151		18-112		92	SPK: -150
13127-88-3	Phenol-d6	135.402		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.265		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	96.051		20-109		96	SPK: -100

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BL	SDG No.:	BF011525
Lab Sample ID:	PB166061BL	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
BF141171.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.447		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	82.007		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139696	6.822				
1146-65-2	Naphthalene-d8	549482	8.098				
15067-26-2	Acenaphthene-d10	287376	9.857				
1517-22-2	Phenanthrene-d10	484833	11.345				
1719-03-5	Chrysene-d12	391933	13.98				
1520-96-3	Perylene-d12	312524	15.451				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	110	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.051	

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BS	SDG No.:	BF011525
Lab Sample ID:	PB166061BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141172.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.8	270	330	ug/Kg
110-86-1	Pyridine	1500		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	310	J	180	270	330	ug/Kg
62-53-3	Aniline	1300		96.9	130	170	ug/Kg
108-95-2	Phenol	1700		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1700		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.8	130	170	ug/Kg
78-59-1	Isophorone	1700		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1700		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	690		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BS	SDG No.:	BF011525
Lab Sample ID:	PB166061BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141172.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	960		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81.1	130	170	ug/Kg
Total PAH	Total PAH	28200		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.6	130	170	ug/Kg
86-73-7	Fluorene	1700		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1800		85	130	170	ug/Kg
1912-24-9	Atrazine	2200		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BS	SDG No.:	BF011525
Lab Sample ID:	PB166061BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141172.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1800		84	130	170	ug/Kg
120-12-7	Anthracene	1900		84.4	130	170	ug/Kg
86-74-8	Carbazole	1800		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1900		81.7	130	170	ug/Kg
92-87-5	Benzidine	1600		160	270	330	ug/Kg
129-00-0	Pyrene	1700		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1700		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.64		18-112		92	SPK: -150
13127-88-3	Phenol-d6	138.293		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	95.554		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	94.797		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	PB166061BS	SDG No.:	BF011525
Lab Sample ID:	PB166061BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141172.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.58		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	96.512		10-105		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125655	6.822				
1146-65-2	Naphthalene-d8	494978	8.104				
15067-26-2	Acenaphthene-d10	264175	9.863				
1517-22-2	Phenanthrene-d10	452645	11.345				
1719-03-5	Chrysene-d12	303424	13.986				
1520-96-3	Perylene-d12	262459	15.445				

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109	SDG No.:	BF011525
Lab Sample ID:	Q1069-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141173.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	U	160	490	590	ug/Kg
110-86-1	Pyridine	230	J	140	230	310	ug/Kg
100-52-7	Benzaldehyde	330	U	330	490	590	ug/Kg
62-53-3	Aniline	170	U	170	230	310	ug/Kg
108-95-2	Phenol	150	U	150	230	310	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	150	230	310	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	230	310	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	230	310	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	230	310	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	230	310	ug/Kg
100-51-6	Benzyl Alcohol	150	U	150	490	590	ug/Kg
95-48-7	2-Methylphenol	140	U	140	230	310	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	230	310	ug/Kg
98-86-2	Acetophenone	160	U	160	230	310	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	490	590	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	72.4	U	72.4	140	140	ug/Kg
67-72-1	Hexachloroethane	150	U	150	230	310	ug/Kg
98-95-3	Nitrobenzene	160	U	160	230	310	ug/Kg
78-59-1	Isophorone	150	U	150	230	310	ug/Kg
88-75-5	2-Nitrophenol	170	U	170	230	310	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	230	310	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	230	310	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	230	310	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	U	150	230	310	ug/Kg
65-85-0	Benzoic acid	430	U	430	490	590	ug/Kg
91-20-3	Naphthalene	150	U	150	230	310	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	230	310	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	230	310	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109	SDG No.:	BF011525
Lab Sample ID:	Q1069-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141173.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	160	U	160	490	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	230	310	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	230	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	280	490	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	230	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	230	310	ug/Kg
92-52-4	1,1-Biphenyl	160	U	160	230	310	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	230	310	ug/Kg
88-74-4	2-Nitroaniline	170	U	170	230	310	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	230	310	ug/Kg
208-96-8	Acenaphthylene	160	U	160	230	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	230	310	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	230	310	ug/Kg
83-32-9	Acenaphthene	150	U	150	230	310	ug/Kg
Total PAH	Total PAH	2390	U	2390	230	4960	ug/Kg
51-28-5	2,4-Dinitrophenol	440	U	440	490	590	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	490	590	ug/Kg
132-64-9	Dibenzofuran	150	U	150	230	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	230	310	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	300	U	300	230	620	ug/Kg
84-66-2	Diethylphthalate	140	U	140	230	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	230	310	ug/Kg
86-73-7	Fluorene	150	U	150	230	310	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	230	310	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	490	590	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	150	230	310	ug/Kg
103-33-3	Azobenzene	140	U	140	230	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	230	310	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	230	310	ug/Kg
1912-24-9	Atrazine	160	U	160	230	310	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109	SDG No.:	BF011525
Lab Sample ID:	Q1069-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141173.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	140	U	140	490	590	ug/Kg
85-01-8	Phenanthrene	150	U	150	230	310	ug/Kg
120-12-7	Anthracene	150	U	150	230	310	ug/Kg
86-74-8	Carbazole	140	U	140	230	310	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	230	310	ug/Kg
206-44-0	Fluoranthene	150	U	150	230	310	ug/Kg
92-87-5	Benzidine	290	U	290	490	590	ug/Kg
129-00-0	Pyrene	150	U	150	230	310	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	230	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	490	590	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	230	310	ug/Kg
218-01-9	Chrysene	140	U	140	230	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	J	160	230	310	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	490	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	230	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	230	310	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	230	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	230	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	230	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	230	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	160	230	310	ug/Kg
123-91-1	1,4-Dioxane	200	U	200	230	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	230	310	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	310	310	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	7.856	*	18-112		5	SPK: -150
13127-88-3	Phenol-d6	8.171	*	15-107		5	SPK: -150
4165-60-0	Nitrobenzene-d5	8.526	*	18-107		9	SPK: -100
321-60-8	2-Fluorobiphenyl	8.526	*	20-109		9	SPK: -100

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109	SDG No.:	BF011525
Lab Sample ID:	Q1069-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141173.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	9.675	*	10-116		6	SPK: -150
1718-51-0	Terphenyl-d14	7.979	*	10-105		8	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131077	6.822				
1146-65-2	Naphthalene-d8	520865	8.104				
15067-26-2	Acenaphthene-d10	287776	9.857				
1517-22-2	Phenanthrene-d10	491216	11.339				
1719-03-5	Chrysene-d12	326348	13.98				
1520-96-3	Perylene-d12	301825	15.439				
TENTATIVE IDENTIFIED COMPOUNDS							
000995-82-4	Hexasiloxane, 1,1,3,3,5,5,7,7,9,9,	320	J			2.14	
000079-01-6	Trichloroethylene	14000	J			2.434	
000079-00-5	Ethane, 1,1,2-trichloro-	2000	J			4.093	
000629-15-2	1,2-Ethandiol, diformate	1800	J			4.987	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.034	
000119-61-9	Benzophenone	290	J			10.569	
000057-10-3	n-Hexadecanoic acid	260	J			11.869	

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109RX	SDG No.:	BF011525
Lab Sample ID:	Q1069-01RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.07	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
BF141174.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	U	160	480	590	ug/Kg
110-86-1	Pyridine	140	U	140	230	310	ug/Kg
100-52-7	Benzaldehyde	330	U	330	480	590	ug/Kg
62-53-3	Aniline	170	U	170	230	310	ug/Kg
108-95-2	Phenol	150	U	150	230	310	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	150	230	310	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	230	310	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	230	310	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	230	310	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	230	310	ug/Kg
100-51-6	Benzyl Alcohol	150	U	150	480	590	ug/Kg
95-48-7	2-Methylphenol	140	U	140	230	310	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	230	310	ug/Kg
98-86-2	Acetophenone	160	U	160	230	310	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	480	590	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	72.3	U	72.3	140	140	ug/Kg
67-72-1	Hexachloroethane	150	U	150	230	310	ug/Kg
98-95-3	Nitrobenzene	160	U	160	230	310	ug/Kg
78-59-1	Isophorone	150	U	150	230	310	ug/Kg
88-75-5	2-Nitrophenol	170	U	170	230	310	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	230	310	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	230	310	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	230	310	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	U	150	230	310	ug/Kg
65-85-0	Benzoic acid	430	U	430	480	590	ug/Kg
91-20-3	Naphthalene	150	U	150	230	310	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	230	310	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	230	310	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109RX	SDG No.:	BF011525
Lab Sample ID:	Q1069-01RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.07 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
BF141174.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	160	U	160	480	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	230	310	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	230	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	280	480	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	230	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	230	310	ug/Kg
92-52-4	1,1-Biphenyl	160	U	160	230	310	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	230	310	ug/Kg
88-74-4	2-Nitroaniline	170	U	170	230	310	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	230	310	ug/Kg
208-96-8	Acenaphthylene	160	U	160	230	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	230	310	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	230	310	ug/Kg
83-32-9	Acenaphthene	150	U	150	230	310	ug/Kg
Total PAH	Total PAH	2390	U	2390	230	4960	ug/Kg
51-28-5	2,4-Dinitrophenol	440	U	440	480	590	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	480	590	ug/Kg
132-64-9	Dibenzofuran	150	U	150	230	310	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	300	U	300	230	620	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	230	310	ug/Kg
84-66-2	Diethylphthalate	140	U	140	230	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	230	310	ug/Kg
86-73-7	Fluorene	150	U	150	230	310	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	230	310	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	480	590	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	150	230	310	ug/Kg
103-33-3	Azobenzene	140	U	140	230	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	230	310	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	230	310	ug/Kg
1912-24-9	Atrazine	160	U	160	230	310	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109RX	SDG No.:	BF011525
Lab Sample ID:	Q1069-01RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.07	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
BF141174.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	140	U	140	480	590	ug/Kg
85-01-8	Phenanthrene	150	U	150	230	310	ug/Kg
120-12-7	Anthracene	150	U	150	230	310	ug/Kg
86-74-8	Carbazole	140	U	140	230	310	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	230	310	ug/Kg
206-44-0	Fluoranthene	150	U	150	230	310	ug/Kg
92-87-5	Benzidine	290	U	290	480	590	ug/Kg
129-00-0	Pyrene	150	U	150	230	310	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	230	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	480	590	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	230	310	ug/Kg
218-01-9	Chrysene	140	U	140	230	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560		160	230	310	ug/Kg
117-84-0	Di-n-octyl phthalate	210	J	200	480	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	230	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	230	310	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	230	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	230	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	230	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	230	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	160	230	310	ug/Kg
123-91-1	1,4-Dioxane	200	U	200	230	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	230	310	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	310	310	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	49.549		18-112		33	SPK: -150
13127-88-3	Phenol-d6	48.342		15-107		32	SPK: -150
4165-60-0	Nitrobenzene-d5	38.013		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	39.181		20-109		39	SPK: -100

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	RW7B-CARBON-20250109RX	SDG No.:	BF011525
Lab Sample ID:	Q1069-01RX	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	44.4
Sample Wt/Vol:	30.07 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
BF141174.D	1	1/15/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	50.299		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	28.721		10-105		29	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130568	6.822				
1146-65-2	Naphthalene-d8	511298	8.104				
15067-26-2	Acenaphthene-d10	277574	9.857				
1517-22-2	Phenanthrene-d10	450100	11.339				
1719-03-5	Chrysene-d12	280945	13.98				
1520-96-3	Perylene-d12	283392	15.439				

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MS	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141175.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	620		57.5	180	220	ug/Kg
110-86-1	Pyridine	520		52.9	86.1	110	ug/Kg
100-52-7	Benzaldehyde	120	J	120	180	220	ug/Kg
62-53-3	Aniline	320		64.2	86.1	110	ug/Kg
108-95-2	Phenol	630		54.9	86.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	670		55.4	86.1	110	ug/Kg
95-57-8	2-Chlorophenol	620		55.3	86.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	630		56	86.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	610		57	86.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	610		57.3	86.1	110	ug/Kg
100-51-6	Benzyl Alcohol	670		55	180	220	ug/Kg
95-48-7	2-Methylphenol	640		53.4	86.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	640		60.2	86.1	110	ug/Kg
98-86-2	Acetophenone	690		57.6	86.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	640		52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	650		26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	620		55	86.1	110	ug/Kg
98-95-3	Nitrobenzene	640		60.2	86.1	110	ug/Kg
78-59-1	Isophorone	700		56	86.1	110	ug/Kg
88-75-5	2-Nitrophenol	530		62.6	86.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	790		61.7	86.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	690		56.8	86.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	600		50	86.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	630		56.6	86.1	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	690		54.7	86.1	110	ug/Kg
106-47-8	4-Chloroaniline	250		54.7	86.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	650		55.2	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MS	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141175.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	580		57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	620		51.3	86.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	680		54.7	86.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380		47.3	86.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490		49	86.1	110	ug/Kg
92-52-4	1,1-Biphenyl	740		57.9	86.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	680		55.2	86.1	110	ug/Kg
88-74-4	2-Nitroaniline	690		62.9	86.1	110	ug/Kg
131-11-3	Dimethylphthalate	730		54.1	86.1	110	ug/Kg
208-96-8	Acenaphthylene	850		57.3	86.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	650		55.1	86.1	110	ug/Kg
99-09-2	3-Nitroaniline	500		59.1	86.1	110	ug/Kg
83-32-9	Acenaphthene	670		53.7	86.1	110	ug/Kg
Total PAH	Total PAH	13050		877.7	86.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	460		76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	680		55.9	86.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	620		57.1	86.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270		112.2	86.1	220	ug/Kg
84-66-2	Diethylphthalate	690		53.1	86.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	660		56.7	86.1	110	ug/Kg
86-73-7	Fluorene	680		56.6	86.1	110	ug/Kg
100-01-6	4-Nitroaniline	530		70.9	86.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	840		54.1	86.1	110	ug/Kg
103-33-3	Azobenzene	690		52.7	86.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	800		52.3	86.1	110	ug/Kg
118-74-1	Hexachlorobenzene	740		56.3	86.1	110	ug/Kg
1912-24-9	Atrazine	980		60.5	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MS	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141175.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	530		51.2	180	220	ug/Kg
85-01-8	Phenanthrene	880		55.6	86.1	110	ug/Kg
120-12-7	Anthracene	880		55.9	86.1	110	ug/Kg
86-74-8	Carbazole	730		53.2	86.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	790		55.8	86.1	110	ug/Kg
206-44-0	Fluoranthene	1000		54.1	86.1	110	ug/Kg
92-87-5	Benzidine	360		110	180	220	ug/Kg
129-00-0	Pyrene	750		55	86.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	610		64.1	86.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450		65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	920		53.5	86.1	110	ug/Kg
218-01-9	Chrysene	830		52.7	86.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	710		60.3	86.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	860		72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		53.7	86.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		54.7	86.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		61.6	86.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		51.7	86.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	550		53.8	86.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	690		53.1	86.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	740		57.5	86.1	110	ug/Kg
123-91-1	1,4-Dioxane	530		72.9	86.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250		49.5	86.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	640		55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.768		18-112		47	SPK: -150
13127-88-3	Phenol-d6	80.762		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	61.362		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	65.849		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MS	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141175.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	33.339		10-116		22	SPK: -150
1718-51-0	Terphenyl-d14	45.364		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151239	6.822				
1146-65-2	Naphthalene-d8	561441	8.104				
15067-26-2	Acenaphthene-d10	265282	9.857				
1517-22-2	Phenanthrene-d10	349564	11.345				
1719-03-5	Chrysene-d12	322664	13.986				
1520-96-3	Perylene-d12	314686	15.451				

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MSD	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.02 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
BF141176.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	650		57.5	180	220	ug/Kg
110-86-1	Pyridine	540		53	86.2	110	ug/Kg
100-52-7	Benzaldehyde	130	J	120	180	220	ug/Kg
62-53-3	Aniline	350		64.2	86.2	110	ug/Kg
108-95-2	Phenol	700		54.9	86.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	700		55.5	86.2	110	ug/Kg
95-57-8	2-Chlorophenol	670		55.3	86.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	670		56.1	86.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	630		57	86.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	640		57.3	86.2	110	ug/Kg
100-51-6	Benzyl Alcohol	730		55	180	220	ug/Kg
95-48-7	2-Methylphenol	700		53.4	86.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	660		60.2	86.2	110	ug/Kg
98-86-2	Acetophenone	690		57.6	86.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	710		52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	690		26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	640		55	86.2	110	ug/Kg
98-95-3	Nitrobenzene	640		60.2	86.2	110	ug/Kg
78-59-1	Isophorone	700		56.1	86.2	110	ug/Kg
88-75-5	2-Nitrophenol	550		62.6	86.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	810		61.8	86.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	680		56.9	86.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	640		50	86.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	640		56.6	86.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	700		54.7	86.2	110	ug/Kg
106-47-8	4-Chloroaniline	290		54.7	86.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	630		55.2	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MSD	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.02 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
BF141176.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	670		57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	710		51.4	86.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	710		54.7	86.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	970		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390		47.3	86.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	510		49	86.2	110	ug/Kg
92-52-4	1,1-Biphenyl	720		57.9	86.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	680		55.2	86.2	110	ug/Kg
88-74-4	2-Nitroaniline	730		63	86.2	110	ug/Kg
131-11-3	Dimethylphthalate	720		54.1	86.2	110	ug/Kg
208-96-8	Acenaphthylene	850		57.3	86.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	680		55.1	86.2	110	ug/Kg
99-09-2	3-Nitroaniline	560		59.1	86.2	110	ug/Kg
83-32-9	Acenaphthene	680		53.7	86.2	110	ug/Kg
Total PAH	Total PAH	13610		878	86.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	540		76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	700		55.9	86.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	380		112.2	86.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	700		57.1	86.2	110	ug/Kg
84-66-2	Diethylphthalate	710		53.1	86.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700		56.7	86.2	110	ug/Kg
86-73-7	Fluorene	720		56.7	86.2	110	ug/Kg
100-01-6	4-Nitroaniline	620		70.9	86.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.8	J	77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	840		54.1	86.2	110	ug/Kg
103-33-3	Azobenzene	740		52.8	86.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	780		52.3	86.2	110	ug/Kg
118-74-1	Hexachlorobenzene	740		56.3	86.2	110	ug/Kg
1912-24-9	Atrazine	990		60.6	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MSD	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.02 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
BF141176.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510		51.2	180	220	ug/Kg
85-01-8	Phenanthrene	890		55.7	86.2	110	ug/Kg
120-12-7	Anthracene	900		55.9	86.2	110	ug/Kg
86-74-8	Carbazole	730		53.2	86.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	780		55.9	86.2	110	ug/Kg
206-44-0	Fluoranthene	930		54.1	86.2	110	ug/Kg
92-87-5	Benzidine	330		110	180	220	ug/Kg
129-00-0	Pyrene	870		55	86.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	690		64.2	86.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	460		65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	870		53.5	86.2	110	ug/Kg
218-01-9	Chrysene	900		52.7	86.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	770		60.3	86.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	830		72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		53.7	86.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	890		54.7	86.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		61.6	86.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		51.8	86.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610		53.8	86.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		53.1	86.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	720		57.5	86.2	110	ug/Kg
123-91-1	1,4-Dioxane	540		72.9	86.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	290		49.5	86.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	670		55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.18		18-112		49	SPK: -150
13127-88-3	Phenol-d6	88.232		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	62.104		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	62.565		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	1/10/2025 12:00:00 AM
Project:		Date Received:	1/10/2025 12:00:00 AM
Client Sample ID:	TR-06-1-10-2025MSD	SDG No.:	BF011525
Lab Sample ID:	Q1068-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.02 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
BF141176.D	1	1/13/2025 12:00:00 AM	1/15/2025 12:00:00 AM	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	37.124		10-116		25	SPK: -150
1718-51-0	Terphenyl-d14	52.28		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143081	6.822				
1146-65-2	Naphthalene-d8	569188	8.104				
15067-26-2	Acenaphthene-d10	294771	9.863				
1517-22-2	Phenanthrene-d10	427420	11.345				
1719-03-5	Chrysene-d12	307236	13.992				
1520-96-3	Perylene-d12	256318	15.468				

Hit Summary Sheet SW-846

SDG No.: BF011525

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : RW7B-CARBON-20250109								
Q1069-01	RW7B-CARBON-202501	Solid	1,2-Ethanediol, diformate	*	1,800.000	J		
Q1069-01	RW7B-CARBON-202501	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	A		
Q1069-01	RW7B-CARBON-202501	Solid	Benzophenone	*	290.000	J		
Q1069-01	RW7B-CARBON-202501	Solid	Ethane, 1,1,2-trichloro-	*	2,000.000	J		
Q1069-01	RW7B-CARBON-202501	Solid	Hexasiloxane, 1,1,3,3,5,5,7,7,9,9,	*	320.000	J		
Q1069-01	RW7B-CARBON-202501	Solid	n-Hexadecanoic acid	*	260.000	J		
Q1069-01	RW7B-CARBON-202501	Solid	Trichloroethylene	*	14,000.000	J		
Total Tics :				18,900.00				
Q1069-01	RW7B-CARBON-202501	Solid	Bis(2-ethylhexyl)phthalate		280.000	J	160	310 ug/Kg
Q1069-01	RW7B-CARBON-202501	Solid	Pyridine		230.000	J	140	310 ug/Kg
Total Svoc :				510.00				
Total Concentration:				19,410.00				
Client ID : RW7B-CARBON-20250109RX								
Q1069-01RX	RW7B-CARBON-202501	Solid	Bis(2-ethylhexyl)phthalate		560.000		160	310 ug/Kg
Q1069-01RX	RW7B-CARBON-202501	Solid	Di-n-octyl phthalate		210.000	J	200	590 ug/Kg
Total Svoc :				770.00				
Total Concentration:				770.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.716	0.715	0.709	0.678	0.688	0.691	3.7
Pyridine		1.579	1.520	1.486	1.360	1.364	1.414	8.3
2-Fluorophenol		1.453	1.400	1.378	1.248	1.236	1.295	9.1
Benzaldehyde		1.215	1.139	1.040	0.849	0.782	0.966	19.8
Aniline		1.656	1.583	1.561	1.424	1.385	1.456	10.4
Phenol-d6		1.834	1.773	1.736	1.566	1.569	1.640	8.6
Phenol		1.943	1.902	1.861	1.701	1.665	1.756	8.4
bis(2-Chloroethyl)ether		1.445	1.372	1.363	1.256	1.279	1.308	6.9
2-Chlorophenol		1.561	1.476	1.458	1.345	1.338	1.389	8.2
1,2-Dichlorobenzene		1.670	1.579	1.572	1.382	1.388	1.456	10.5
1,3-Dichlorobenzene		1.714	1.662	1.648	1.476	1.506	1.549	8.1
1,4-Dichlorobenzene		1.766	1.653	1.668	1.495	1.495	1.561	8.8
Benzyl Alcohol		1.291	1.240	1.244	1.158	1.164	1.184	6.8
2-Methylphenol		1.209	1.175	1.182	1.088	1.091	1.121	6.0
2,2-oxybis(1-Chloropropane)		2.046	1.913	1.939	1.766	1.746	1.826	7.8
Acetophenone		0.539	0.516	0.507	0.445	0.455	0.475	9.4
3+4-Methylphenols		1.631	1.529	1.527	1.375	1.342	1.415	10.9
n-Nitroso-di-n-propylamine	1.062	1.068	1.011	1.009	0.906	0.915	0.966	8.4
Nitrobenzene-d5		0.400	0.390	0.394	0.365	0.370	0.377	4.8
Hexachloroethane		0.610	0.591	0.595	0.548	0.551	0.565	6.4
Nitrobenzene		0.419	0.410	0.411	0.377	0.384	0.393	5.2
Isophorone		0.692	0.668	0.674	0.617	0.629	0.645	5.1
2-Nitrophenol		0.161	0.173	0.190	0.178	0.184	0.179	5.3
2,4-Dimethylphenol		0.252	0.244	0.250	0.236	0.239	0.241	3.3
bis(2-Chloroethoxy)methane		0.435	0.419	0.430	0.387	0.393	0.405	5.6
2,4-Dichlorophenol		0.296	0.296	0.300	0.277	0.286	0.287	4.3
1,2,4-Trichlorobenzene		0.356	0.344	0.348	0.314	0.317	0.328	6.5
Benzoic acid		0.182	0.211	0.231	0.238	0.251	0.231	11.7
Naphthalene		1.178	1.126	1.131	0.998	1.023	1.055	8.6
4-Chloroaniline		0.397	0.390	0.386	0.345	0.349	0.365	7.1
Hexachlorobutadiene		0.213	0.207	0.208	0.188	0.194	0.197	6.2
Caprolactam		0.096	0.092	0.099	0.091	0.094	0.094	3.0
4-Chloro-3-methylphenol		0.331	0.322	0.327	0.302	0.313	0.313	4.4
2-Methylnaphthalene		0.751	0.719	0.710	0.638	0.654	0.672	8.3
Hexachlorocyclopentadiene		0.170	0.181	0.201	0.200	0.189	0.188	5.7
2,4,6-Trichlorophenol		0.399	0.384	0.412	0.380	0.382	0.387	3.4

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.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.582	1.459	1.408	1.225	1.224	1.310	13.4
2,4,5-Trichlorophenol		0.429	0.419	0.418	0.401	0.411	0.409	4.1
1,1-Biphenyl		1.761	1.671	1.654	1.490	1.491	1.553	9.3
2-Chloronaphthalene		1.345	1.288	1.273	1.164	1.174	1.210	7.8
2-Nitroaniline		0.360	0.358	0.365	0.351	0.365	0.359	2.0
Dimethylphthalate		1.447	1.406	1.404	1.299	1.318	1.343	5.8
Acenaphthylene		1.915	1.820	1.830	1.660	1.678	1.728	7.5
2,6-Dinitrotoluene		0.308	0.317	0.328	0.312	0.315	0.312	3.3
3-Nitroaniline		0.321	0.324	0.333	0.316	0.320	0.317	3.7
Acenaphthene		1.317	1.267	1.274	1.165	1.185	1.208	6.7
2,4-Dinitrophenol			0.097	0.133	0.155	0.168	0.148	19.4
4-Nitrophenol		0.224	0.241	0.255	0.250	0.264	0.248	5.3
Dibenzofuran		1.866	1.736	1.738	1.586	1.585	1.642	8.8
2,4-Dinitrotoluene		0.372	0.401	0.423	0.395	0.424	0.402	4.7
Diethylphthalate		1.416	1.397	1.378	1.253	1.289	1.311	6.6
4-Chlorophenyl-phenylether		0.709	0.672	0.663	0.594	0.593	0.622	9.7
Fluorene		1.488	1.403	1.359	1.197	1.213	1.276	11.1
4-Nitroaniline		0.314	0.312	0.315	0.300	0.323	0.311	3.1
4,6-Dinitro-2-methylphenol		0.077	0.095	0.120	0.129	0.130	0.116	18.4
n-Nitrosodiphenylamine		0.706	0.677	0.683	0.651	0.603	0.645	7.4
Azobenzene		1.430	1.363	1.353	1.245	1.264	1.293	7.1
2,4,6-Tribromophenol		0.233	0.233	0.235	0.219	0.230	0.228	3.0
4-Bromophenyl-phenylether		0.241	0.237	0.238	0.232	0.220	0.230	4.2
Hexachlorobenzene		0.273	0.263	0.266	0.257	0.244	0.256	4.8
Atrazine		0.213	0.201	0.170	0.141	0.184	0.174	16.3
Pentachlorophenol		0.142	0.162	0.171	0.173	0.169	0.164	6.6
Phenanthrene		1.218	1.152	1.122	1.064	1.014	1.074	9.0
Anthracene		1.162	1.111	1.095	1.042	0.994	1.044	8.2
Carbazole		1.052	1.025	1.011	0.944	0.935	0.957	8.1
Di-n-butylphthalate		1.186	1.177	1.139	1.087	1.079	1.096	7.3
Fluoranthene		1.211	1.188	1.104	1.037	1.051	1.071	9.7
Benzidine		0.380	0.309	0.310	0.409	0.340	0.371	13.8
Pyrene		1.952	1.977	2.081	1.848	1.839	1.910	6.1
Terphenyl-d14		1.444	1.424	1.483	1.272	1.280	1.346	8.4
Butylbenzylphthalate		0.583	0.629	0.663	0.614	0.677	0.637	5.4
3,3-Dichlorobenzidine		0.434	0.422	0.444	0.418	0.426	0.433	2.7

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.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.473	1.420	1.427	1.245	1.329	1.361	6.3
Chrysene		1.382	1.316	1.336	1.207	1.237	1.274	5.5
Bis(2-ethylhexyl)phthalate		0.734	0.768	0.807	0.726	0.819	0.764	5.4
Di-n-octyl phthalate		0.950	1.039	1.169	1.151	1.235	1.154	10.5
Benzo(b)fluoranthene		1.461	1.415	1.290	1.201	1.315	1.290	9.0
Benzo(k)fluoranthene		1.128	1.102	1.141	1.043	1.038	1.090	3.7
Benzo(a)pyrene		1.103	1.090	1.095	1.039	1.048	1.064	3.3
Indeno(1,2,3-cd)pyrene		1.472	1.420	1.558	1.472	1.421	1.465	4.5
Dibenzo(a,h)anthracene		1.174	1.178	1.262	1.197	1.150	1.185	5.0
Benzo(g,h,i)perylene		1.256	1.221	1.347	1.263	1.195	1.233	7.6
1,2,4,5-Tetrachlorobenzene		0.632	0.601	0.604	0.554	0.552	0.574	6.8
1,4-Dioxane		0.616	0.596	0.598	0.563	0.573	0.577	5.2
2,3,4,6-Tetrachlorophenol		0.353	0.358	0.354	0.332	0.333	0.340	4.7
1-Methylnaphthalene		0.747	0.712	0.710	0.625	0.635	0.662	9.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF011525 SAS No.: BF011525 SDG NO.: BF011525

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 15 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 10:00

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	178652	6.822	695197	8.10	363903	9.86
UPPER LIMIT	357304	7.322	1390394	8.604	727806	10.363
LOWER LIMIT	89326	6.322	347598.5	7.604	181951.5	9.363
EPA SAMPLE NO.						
01 PB166052BL	132008	6.82	515489	8.10	274768	9.86
02 PB166035BS	141578	6.82	559409	8.10	296383	9.86
03 PB166026TB	143758	6.82	562525	8.10	296485	9.86
04 PB166008BS	128373	6.82	503608	8.10	270144	9.86
05 PB166008BSD	146493	6.82	573218	8.10	303733	9.86
06 PB166035BL	136764	6.82	539364	8.10	276861	9.86
07 PB166052BS	127479	6.82	506328	8.10	267808	9.86
08 PB166061BL	139696	6.82	549482	8.10	287376	9.86
09 PB166061BS	125655	6.82	494978	8.10	264175	9.86
10 RW7B-CARBON-20250109	131077	6.82	520865	8.10	287776	9.86
11 RW7B-CARBON-20250109RX	130568	6.82	511298	8.10	277574	9.86
12 TR-06-1-10-2025MS	151239	6.82	561441	8.10	265282	9.86
13 TR-06-1-10-2025MSD	143081	6.82	569188	8.10	294771	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.: BF011525 SAS No.: BF011525 SDG NO.: BF011525

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 15 2025 12:00AM

Lab File ID: BF141163.D Time Analyzed: 10:00

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	160442	6.822	621128	8.10	331065	9.86
UPPER LIMIT	320884	7.322	1242256	8.604	662130	10.363
LOWER LIMIT	80221	6.322	310564	7.604	165532.5	9.363
EPA SAMPLE NO.						
01 PB166052BL	132008	6.82	515489	8.10	274768	9.86
02 PB166035BS	141578	6.82	559409	8.10	296383	9.86
03 PB166026TB	143758	6.82	562525	8.10	296485	9.86
04 PB166008BS	128373	6.82	503608	8.10	270144	9.86
05 PB166008BSD	146493	6.82	573218	8.10	303733	9.86
06 PB166035BL	136764	6.82	539364	8.10	276861	9.86
07 PB166052BS	127479	6.82	506328	8.10	267808	9.86
08 PB166061BL	139696	6.82	549482	8.10	287376	9.86
09 PB166061BS	125655	6.82	494978	8.10	264175	9.86
10 RW7B-CARBON-20250109	131077	6.82	520865	8.10	287776	9.86
11 RW7B-CARBON-20250109RX	130568	6.82	511298	8.10	277574	9.86
12 TR-06-1-10-2025MS	151239	6.82	561441	8.10	265282	9.86
13 TR-06-1-10-2025MSD	143081	6.82	569188	8.10	294771	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.: BF011525 SAS No.: BF011525 SDG NO.: BF011525

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 15 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 10:00

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	589244	11.345	328095	13.986	356368	15.439
UPPER LIMIT	1178488	11.845	656190	14.486	712736	15.939
LOWER LIMIT	294622	10.845	164047.5	13.486	178184	14.939
EPA SAMPLE NO.						
01 PB166052BL	464918	11.35	373614	13.98	307204	15.45
02 PB166035BS	515619	11.35	346259	13.99	300143	15.45
03 PB166026TB	497926	11.34	383243	13.98	298053	15.44
04 PB166008BS	467141	11.35	312476	13.99	279285	15.45
05 PB166008BSD	523103	11.35	352265	13.99	315042	15.45
06 PB166035BL	476305	11.34	381699	13.98	303475	15.44
07 PB166052BS	466174	11.35	323562	13.99	280381	15.45
08 PB166061BL	484833	11.35	391933	13.98	312524	15.45
09 PB166061BS	452645	11.35	303424	13.99	262459	15.45
10 RW7B-CARBON-20250109	491216	11.34	326348	13.98	301825	15.44
11 RW7B-CARBON-20250109RX	450100	11.34	280945	13.98	283392	15.44
12 TR-06-1-10-2025MS	349564	11.35	322664	13.99	314686	15.45
13 TR-06-1-10-2025MSD	427420	11.35	307236	13.99	256318	15.47

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.: BF011525 SAS No.: BF011525 SDG NO.: BF011525

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 15 2025 12:00AM

Lab File ID: BF141163.D Time Analyzed: 10:00

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	558521	11.345	351337	13.986	315529	15.445
UPPER LIMIT	1117042	11.845	702674	14.486	631058	15.945
LOWER LIMIT	279260.5	10.845	175668.5	13.486	157764.5	14.945
EPA SAMPLE NO.						
01 PB166052BL	464918	11.35	373614	13.98	307204	15.45
02 PB166035BS	515619	11.35	346259	13.99	300143	15.45
03 PB166026TB	497926	11.34	383243	13.98	298053	15.44
04 PB166008BS	467141	11.35	312476	13.99	279285	15.45
05 PB166008BSD	523103	11.35	352265	13.99	315042	15.45
06 PB166035BL	476305	11.34	381699	13.98	303475	15.44
07 PB166052BS	466174	11.35	323562	13.99	280381	15.45
08 PB166061BL	484833	11.35	391933	13.98	312524	15.45
09 PB166061BS	452645	11.35	303424	13.99	262459	15.45
10 RW7B-CARBON-20250109	491216	11.34	326348	13.98	301825	15.44
11 RW7B-CARBON-20250109RX	450100	11.34	280945	13.98	283392	15.44
12 TR-06-1-10-2025MS	349564	11.35	322664	13.99	314686	15.45
13 TR-06-1-10-2025MSD	427420	11.35	307236	13.99	256318	15.47

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.: **BF011525**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166008BS	n-Nitrosodimethylamine	50	50.1	ug/L	100				55	108	
	Pyridine	50	44.3	ug/L	89				29	97	
	Benzaldehyde	50	9.4	ug/L	19				10	162	
	Aniline	50	40	ug/L	80				10	130	
	Phenol	50	50	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	50.4	ug/L	101				62	103	
	2-Chlorophenol	50	53.1	ug/L	106				70	117	
	1,2-Dichlorobenzene	50	50.5	ug/L	101				72	102	
	1,3-Dichlorobenzene	50	49.6	ug/L	99				71	103	
	1,4-Dichlorobenzene	50	49.8	ug/L	100				76	103	
	Benzyl Alcohol	50	53.4	ug/L	107		*		36	93	
	2-Methylphenol	50	51.7	ug/L	103				69	109	
	2,2-oxybis(1-Chloropropane)	50	48	ug/L	96				65	100	
	Acetophenone	50	50.8	ug/L	102				60	104	
	3+4-Methylphenols	50	51.2	ug/L	102				67	106	
	N-Nitroso-di-n-propylamine	50	50	ug/L	100				57	107	
	Hexachloroethane	50	49.9	ug/L	100				76	118	
	Nitrobenzene	50	48.7	ug/L	97				58	106	
	Isophorone	50	51.3	ug/L	103		*		61	102	
	2-Nitrophenol	50	53.4	ug/L	107				70	115	
	2,4-Dimethylphenol	50	61.4	ug/L	123				42	142	
	bis(2-Chloroethoxy)methane	50	49.9	ug/L	100				58	109	
	2,4-Dichlorophenol	50	52.8	ug/L	106				66	115	
	1,2,4-Trichlorobenzene	50	48.4	ug/L	97				41	115	
	Benzoic acid	50	51.2	ug/L	102				10	125	
	Naphthalene	50	50.1	ug/L	100				64	107	
	4-Chloroaniline	50	19.1	ug/L	38				10	85	
	Hexachlorobutadiene	50	49.2	ug/L	98				69	101	
	Caprolactam	50	53.3	ug/L	107				58	128	
	4-Chloro-3-methylphenol	50	53	ug/L	106				65	114	
	2-Methylnaphthalene	50	50.9	ug/L	102				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	54.1	ug/L	108				61	110	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70	106	
	1,1-Biphenyl	50	50.4	ug/L	101		*		72	98	
	2-Chloronaphthalene	50	48.7	ug/L	97				59	106	
	2-Nitroaniline	50	53	ug/L	106				73	114	
	Dimethylphthalate	50	51.7	ug/L	103				64	103	
	Acenaphthylene	50	53.6	ug/L	107		*		79	103	
	2,6-Dinitrotoluene	50	50.6	ug/L	101				64	110	
	3-Nitroaniline	50	27.7	ug/L	55				28	100	
	Acenaphthene	50	57.6	ug/L	115		*		59	113	
	Total PAH	800	840.3	ug/L	105				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB166008BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	51.9	ug/L	104				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	105.3	ug/L	105				60	115	
	2,4-Dinitrotoluene	50	54.7	ug/L	109				60	115	
	Diethylphthalate	50	49.7	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	50.3	ug/L	101				61	104	
	Fluorene	50	51.2	ug/L	102				64	107	
	4-Nitroaniline	50	53	ug/L	106				55	125	
	4,6-Dinitro-2-methylphenol	50	60.5	ug/L	121				62	132	
	N-Nitrosodiphenylamine	50	51.5	ug/L	103				61	109	
	Azobenzene	50	50.5	ug/L	101				59	106	
	4-Bromophenyl-phenylether	50	50.7	ug/L	101				73	103	
	Hexachlorobenzene	50	52.8	ug/L	106				73	106	
	Atrazine	50	64.6	ug/L	129		*		76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	53.7	ug/L	107				62	109	
	Anthracene	50	56.7	ug/L	113		*		65	110	
	Carbazole	50	55.5	ug/L	111		*		62	106	
	Di-n-butylphthalate	50	51.9	ug/L	104				64	106	
	Fluoranthene	50	57.6	ug/L	115		*		64	110	
	Benzidine	100	53.8	ug/L	54				10	94	
	Pyrene	50	48.9	ug/L	98				71	103	
	Butylbenzylphthalate	50	52.6	ug/L	105				61	105	
	3,3-Dichlorobenzidine	50	32.5	ug/L	65				43	108	
	Benzo(a)anthracene	50	52.4	ug/L	105				62	107	
	Chrysene	50	48.8	ug/L	98				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.4	ug/L	103				59	110	
	Di-n-octyl phthalate	50	49.7	ug/L	99				52	139	
	Benzo(b)fluoranthene	50	54.3	ug/L	109				77	113	
	Benzo(k)fluoranthene	50	53.2	ug/L	106		*		77	105	
	Benzo(a)pyrene	50	56.3	ug/L	113				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	49.9	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	45.8	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	50.2	ug/L	100				72	101	
	1,4-Dioxane	50	42.8	ug/L	86				38	125	
	2,3,4,6-Tetrachlorophenol	50	54.6	ug/L	109				63	116	
	1-Methylnaphthalene	50	48.6	ug/L	97				51	114	
PB166008BSD	n-Nitrosodimethylamine	50	44.3	ug/L	89	12			55	108	20
	Pyridine	50	39.4	ug/L	79	12			29	97	20
	Benzaldehyde	50	8.4	ug/L	17	11			10	162	20
	Aniline	50	34.5	ug/L	69	15			10	130	20
	Phenol	50	43.8	ug/L	88	13			66	118	20
	bis(2-Chloroethyl)ether	50	44.4	ug/L	89	13			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166008BSD	2-Chlorophenol	50	46.8	ug/L	94	13			70	117	20
	1,2-Dichlorobenzene	50	44.7	ug/L	89	12			72	102	20
	1,3-Dichlorobenzene	50	42.9	ug/L	86	14			71	103	20
	1,4-Dichlorobenzene	50	43.5	ug/L	87	14			76	103	20
	Benzyl Alcohol	50	47	ug/L	94	13	*		36	93	20
	2-Methylphenol	50	45.6	ug/L	91	13			69	109	20
	2,2-oxybis(1-Chloropropane)	50	42.6	ug/L	85	12			65	100	20
	Acetophenone	50	45.1	ug/L	90	12			60	104	20
	3+4-Methylphenols	50	44.9	ug/L	90	13			67	106	20
	N-Nitroso-di-n-propylamine	50	44	ug/L	88	13			57	107	20
	Hexachloroethane	50	43.5	ug/L	87	14			76	118	20
	Nitrobenzene	50	42.9	ug/L	86	13			58	106	20
	Isophorone	50	45.2	ug/L	90	13			61	102	20
	2-Nitrophenol	50	48.1	ug/L	96	10			70	115	20
	2,4-Dimethylphenol	50	53.9	ug/L	108	13			42	142	20
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87	13			58	109	20
	2,4-Dichlorophenol	50	46.1	ug/L	92	14			66	115	20
	1,2,4-Trichlorobenzene	50	42.6	ug/L	85	13			41	115	20
	Benzoic acid	50	45.5	ug/L	91	12			10	125	20
	Naphthalene	50	44.4	ug/L	89	12			64	107	20
	4-Chloroaniline	50	17.4	ug/L	35	9			10	85	20
	Hexachlorobutadiene	50	43.1	ug/L	86	13			69	101	20
	Caprolactam	50	46.8	ug/L	94	13			58	128	20
	4-Chloro-3-methylphenol	50	46.2	ug/L	92	14			65	114	20
	2-Methylnaphthalene	50	44.6	ug/L	89	13			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	11	*		36	160	20
	2,4,6-Trichlorophenol	50	48.5	ug/L	97	11			61	110	20
	2,4,5-Trichlorophenol	50	44.4	ug/L	89	13			70	106	20
	1,1-Biphenyl	50	45	ug/L	90	11			72	98	20
	2-Chloronaphthalene	50	43.9	ug/L	88	10			59	106	20
	2-Nitroaniline	50	47.2	ug/L	94	12			73	114	20
	Dimethylphthalate	50	45.2	ug/L	90	13			64	103	20
	Acenaphthylene	50	48.3	ug/L	97	10			79	103	20
	2,6-Dinitrotoluene	50	44.9	ug/L	90	12			64	110	20
	3-Nitroaniline	50	24.2	ug/L	48	13			28	100	20
	Acenaphthene	50	51.5	ug/L	103	11			59	113	20
	Total PAH	800	747.9	ug/L	93	12			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	9			36	166	20
	4-Nitrophenol	100	100	ug/L	100	10			45	147	20
	Dibenzofuran	50	45.7	ug/L	91	13			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	94	ug/L	94	11			60	115	20
	2,4-Dinitrotoluene	50	49.1	ug/L	98	11			60	115	20
	Diethylphthalate	50	44.9	ug/L	90	10			63	105	20
	4-Chlorophenyl-phenylether	50	44	ug/L	88	13			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166008BSD	Fluorene	50	45.4	ug/L	91	12			64	107	20
	4-Nitroaniline	50	47.3	ug/L	95	11			55	125	20
	4,6-Dinitro-2-methylphenol	50	54.4	ug/L	109	11			62	132	20
	N-Nitrosodiphenylamine	50	46.2	ug/L	92	11			61	109	20
	Azobenzene	50	44.8	ug/L	90	12			59	106	20
	4-Bromophenyl-phenylether	50	45.6	ug/L	91	11			73	103	20
	Hexachlorobenzene	50	46.2	ug/L	92	13			73	106	20
	Atrazine	50	59.2	ug/L	118	9			76	120	20
	Pentachlorophenol	100	94.6	ug/L	95	6			47	114	20
	Phenanthrene	50	48.2	ug/L	96	11			62	109	20
	Anthracene	50	50.2	ug/L	100	12			65	110	20
	Carbazole	50	49.3	ug/L	99	12			62	106	20
	Di-n-butylphthalate	50	46.4	ug/L	93	11			64	106	20
	Fluoranthene	50	50.9	ug/L	102	12			64	110	20
	Benzidine	100	47.3	ug/L	47	13			10	94	20
	Pyrene	50	43.3	ug/L	87	12			71	103	20
	Butylbenzylphthalate	50	46.3	ug/L	93	13			61	105	20
	3,3-Dichlorobenzidine	50	29.1	ug/L	58	11			43	108	20
	Benzo(a)anthracene	50	44	ug/L	88	17			62	107	20
	Chrysene	50	46.2	ug/L	92	5			61	108	20
	bis(2-Ethylhexyl)phthalate	50	45.9	ug/L	92	11			59	110	20
	Di-n-octyl phthalate	50	44.3	ug/L	89	11			52	139	20
	Benzo(b)fluoranthene	50	44.2	ug/L	88	21		*	77	113	20
	Benzo(k)fluoranthene	50	51.3	ug/L	103	4			77	105	20
	Benzo(a)pyrene	50	50	ug/L	100	12			72	131	20
	Indeno(1,2,3-cd)pyrene	50	45.1	ug/L	90	11			72	105	20
	Dibenz(a,h)anthracene	50	44.2	ug/L	88	12			78	115	20
	Benzo(g,h,i)perylene	50	40.7	ug/L	81	12			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.4	ug/L	91	10			72	101	20
	1,4-Dioxane	50	38.3	ug/L	77	11			38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.6	ug/L	97	12			63	116	20
	1-Methylnaphthalene	50	42.7	ug/L	85	13			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB166035BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	280	ug/Kg	16				10	133	
	Aniline	1700	1300	ug/Kg	76				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	740	ug/Kg	44				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5900	ug/Kg	179		*		45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	940	ug/Kg	55				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25200	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166035BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2000	ug/Kg	118				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	1800	ug/Kg	55				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166052BS	n-Nitrosodimethylamine	50	50.2	ug/L	100				55	108	
	Pyridine	50	44.6	ug/L	89				29	97	
	Benzaldehyde	50	9.3	ug/L	19				10	162	
	Aniline	50	38.5	ug/L	77				10	130	
	Phenol	50	49.8	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	50.2	ug/L	100				62	103	
	2-Chlorophenol	50	53.6	ug/L	107				70	117	
	1,2-Dichlorobenzene	50	50.6	ug/L	101				72	102	
	1,3-Dichlorobenzene	50	49.3	ug/L	99				71	103	
	1,4-Dichlorobenzene	50	49.5	ug/L	99				76	103	
	Benzyl Alcohol	50	53.4	ug/L	107		*		36	93	
	2-Methylphenol	50	53.2	ug/L	106				69	109	
	2,2-oxybis(1-Chloropropane)	50	48.6	ug/L	97				65	100	
	Acetophenone	50	50.9	ug/L	102				60	104	
	3+4-Methylphenols	50	51	ug/L	102				67	106	
	N-Nitroso-di-n-propylamine	50	50.3	ug/L	101				57	107	
	Hexachloroethane	50	49.3	ug/L	99				76	118	
	Nitrobenzene	50	48.4	ug/L	97				58	106	
	Isophorone	50	51.3	ug/L	103		*		61	102	
	2-Nitrophenol	50	53.3	ug/L	107				70	115	
	2,4-Dimethylphenol	50	61.3	ug/L	123				42	142	
	bis(2-Chloroethoxy)methane	50	49	ug/L	98				58	109	
	2,4-Dichlorophenol	50	52.1	ug/L	104				66	115	
	1,2,4-Trichlorobenzene	50	48.2	ug/L	96				41	115	
	Benzoic acid	50	51.6	ug/L	103				10	125	
	Naphthalene	50	49.7	ug/L	99				64	107	
	4-Chloroaniline	50	21.4	ug/L	43				10	85	
	Hexachlorobutadiene	50	48.8	ug/L	98				69	101	
	Caprolactam	50	51.5	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	52.2	ug/L	104				65	114	
	2-Methylnaphthalene	50	51.1	ug/L	102				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	55.6	ug/L	111		*		61	110	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70	106	
	1,1-Biphenyl	50	51.2	ug/L	102		*		72	98	
	2-Chloronaphthalene	50	49.2	ug/L	98				59	106	
	2-Nitroaniline	50	53.6	ug/L	107				73	114	
	Dimethylphthalate	50	51.3	ug/L	103				64	103	
	Acenaphthylene	50	54.6	ug/L	109		*		79	103	
	2,6-Dinitrotoluene	50	50.4	ug/L	101				64	110	
	3-Nitroaniline	50	29.3	ug/L	59				28	100	
	Acenaphthene	50	58.4	ug/L	117		*		59	113	
	Total PAH	800	836.6	ug/L	105				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166052BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	52.2	ug/L	104				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotolc	100	105.1	ug/L	105				60	115	
	2,4-Dinitrotoluene	50	54.7	ug/L	109				60	115	
	Diethylphthalate	50	50.6	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	50.5	ug/L	101				61	104	
	Fluorene	50	51.3	ug/L	103				64	107	
	4-Nitroaniline	50	53.1	ug/L	106				55	125	
	4,6-Dinitro-2-methylphenol	50	60.7	ug/L	121				62	132	
	N-Nitrosodiphenylamine	50	51.6	ug/L	103				61	109	
	Azobenzene	50	50.4	ug/L	101				59	106	
	4-Bromophenyl-phenylether	50	51.4	ug/L	103				73	103	
	Hexachlorobenzene	50	52.4	ug/L	105				73	106	
	Atrazine	50	65.5	ug/L	131		*		76	120	
	Pentachlorophenol	100	110	ug/L	110				47	114	
	Phenanthrene	50	54.4	ug/L	109				62	109	
	Anthracene	50	56.1	ug/L	112		*		65	110	
	Carbazole	50	55.3	ug/L	111		*		62	106	
	Di-n-butylphthalate	50	51.2	ug/L	102				64	106	
	Fluoranthene	50	57.2	ug/L	114		*		64	110	
	Benzidine	100	46.3	ug/L	46				10	94	
	Pyrene	50	47.3	ug/L	95				71	103	
	Butylbenzylphthalate	50	51.8	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	32.5	ug/L	65				43	108	
	Benzo(a)anthracene	50	52.3	ug/L	105				62	107	
	Chrysene	50	48.6	ug/L	97				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.9	ug/L	104				59	110	
	Di-n-octyl phthalate	50	50.7	ug/L	101				52	139	
	Benzo(b)fluoranthene	50	56.5	ug/L	113				77	113	
	Benzo(k)fluoranthene	50	51	ug/L	102				77	105	
	Benzo(a)pyrene	50	56.5	ug/L	113				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.6	ug/L	99				72	105	
	Dibenz(a,h)anthracene	50	49.3	ug/L	99				78	115	
	Benzo(g,h,i)perylene	50	43.8	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50	51.5	ug/L	103		*		72	101	
	1,4-Dioxane	50	43.8	ug/L	88				38	125	
	2,3,4,6-Tetrachlorophenol	50	54.4	ug/L	109				63	116	
	1-Methylnaphthalene	50	48.1	ug/L	96				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166061BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	310	ug/Kg	18				10	133	
	Aniline	1700	1300	ug/Kg	76				38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				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	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1700	ug/Kg	100		*		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	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1700	ug/Kg	100				62	100	
	4-Chloroaniline	1700	690	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				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	6300	ug/Kg	191		*		45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	960	ug/Kg	56				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	28200	ug/Kg	104				57	104	
	2,4-Dinitrophenol	3300	4100	ug/Kg	124				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF011525**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166061BS	4-Nitrophenol	3300	3700	ug/Kg	112				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3500	ug/Kg	103				60	106	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				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	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1800	ug/Kg	106		*		64	98	
	Atrazine	1700	2200	ug/Kg	129				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103	
	Anthracene	1700	1900	ug/Kg	112		*		61	105	
	Carbazole	1700	1800	ug/Kg	106		*		61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1900	ug/Kg	112		*		57	107	
	Benzidine	3300	1600	ug/Kg	48				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				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	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				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	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166008BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF011525

SAS No.: BF011525 SDG NO.: BF011525

Lab File ID: BF141167.D

Lab Sample ID: PB166008BS

Instrument ID: BNA_F

Date Extracted: 01/10/2025

Matrix: (soil/water) Water

Date Analyzed: 01/15/2025

Level: (low/med) LOW

Time Analyzed: 11:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166008BS	PB166008BS	BF141167.D	01/15/2025
PB166008BSD	PB166008BSD	BF141168.D	01/15/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166035BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF011525

SAS No.: BF011525 SDG NO.: BF011525

Lab File ID: BF141169.D

Lab Sample ID: PB166035BL

Instrument ID: BNA_F

Date Extracted: 01/13/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/15/2025

Level: (low/med) LOW

Time Analyzed: 12:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166035BS	PB166035BS	BF141165.D	01/15/2025
RW7B-CARBON-20250109	Q1069-01	BF141173.D	01/15/2025
TR-06-1-10-2025MS	Q1068-01MS	BF141175.D	01/15/2025
TR-06-1-10-2025MSD	Q1068-01MSD	BF141176.D	01/15/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166052BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF011525

SAS No.: BF011525 SDG NO.: BF011525

Lab File ID: BF141164.D

Lab Sample ID: PB166052BL

Instrument ID: BNA_F

Date Extracted: 01/14/2025

Matrix: (soil/water) water

Date Analyzed: 01/15/2025

Level: (low/med) LOW

Time Analyzed: 10:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166026TB	PB166026TB	BF141166.D	01/15/2025
PB166052BS	PB166052BS	BF141170.D	01/15/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166061BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF011525

SAS No.: BF011525 SDG NO.: BF011525

Lab File ID: BF141171.D

Lab Sample ID: PB166061BL

Instrument ID: BNA_F

Date Extracted: 01/15/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/15/2025

Level: (low/med) LOW

Time Analyzed: 13:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166061BS	PB166061BS	BF141172.D	01/15/2025
RW7B-CARBON-20250109RX	Q1069-01RX	BF141174.D	01/15/2025

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF011525

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1068-01MS		Client Sample ID: TR-06-1-10-2025MS		DataFile: BF141175.D							
n-Nitrosodimethylamine	1100		620	ug/Kg	56	*			66	124	
Pyridine	1100		520	ug/Kg	47				45	119	
Benzaldehyde	1100		120	ug/Kg	11				10	86	
Aniline	1100		320	ug/Kg	29				10	88	
Phenol	1100		630	ug/Kg	57	*			67	126	
bis(2-Chloroethyl)ether	1100		670	ug/Kg	61				54	125	
2-Chlorophenol	1100		620	ug/Kg	56	*			79	107	
1,2-Dichlorobenzene	1100		630	ug/Kg	57	*			61	105	
1,3-Dichlorobenzene	1100		610	ug/Kg	55	*			62	101	
1,4-Dichlorobenzene	1100		610	ug/Kg	55	*			63	104	
Benzyl Alcohol	1100		670	ug/Kg	61				47	126	
2-Methylphenol	1100		640	ug/Kg	58	*			66	122	
2,2-oxybis(1-Chloropropane)	1100		640	ug/Kg	58	*			65	110	
Acetophenone	1100		690	ug/Kg	63	*			75	111	
3+4-Methylphenols	1100		640	ug/Kg	58	*			66	104	
N-Nitroso-di-n-propylamine	1100		650	ug/Kg	59				59	119	
Hexachloroethane	1100		620	ug/Kg	56	*			65	117	
Nitrobenzene	1100		640	ug/Kg	58	*			70	119	
Isophorone	1100		700	ug/Kg	64	*			76	122	
2-Nitrophenol	1100		530	ug/Kg	48	*			54	145	
2,4-Dimethylphenol	1100		790	ug/Kg	72				44	135	
bis(2-Chloroethoxy)methane	1100		690	ug/Kg	63	*			68	112	
2,4-Dichlorophenol	1100		600	ug/Kg	55	*			72	118	
1,2,4-Trichlorobenzene	1100		630	ug/Kg	57				57	103	
Benzoic acid	1100			ug/Kg	0	*			50	104	
Naphthalene	1100		690	ug/Kg	63	*			72	110	
4-Chloroaniline	1100		250	ug/Kg	23				10	91	
Hexachlorobutadiene	1100		650	ug/Kg	59	*			66	114	
Caprolactam	1100		580	ug/Kg	53				51	134	
4-Chloro-3-methylphenol	1100		620	ug/Kg	56	*			57	132	
2-Methylnaphthalene	1100		680	ug/Kg	62				59	123	
Hexachlorocyclopentadiene	2200		1400	ug/Kg	64				10	175	
2,4,6-Trichlorophenol	1100		380	ug/Kg	35	*			72	117	
2,4,5-Trichlorophenol	1100		490	ug/Kg	45	*			72	117	
1,1-Biphenyl	1100		740	ug/Kg	67	*			75	113	
2-Chloronaphthalene	1100		680	ug/Kg	62	*			67	118	
2-Nitroaniline	1100		690	ug/Kg	63	*			69	127	
Dimethylphthalate	1100		730	ug/Kg	66	*			70	113	
Acenaphthylene	1100	110	850	ug/Kg	67	*			79	118	
2,6-Dinitrotoluene	1100		650	ug/Kg	59	*			70	125	
3-Nitroaniline	1100		500	ug/Kg	45				30	99	
Acenaphthene	1100		670	ug/Kg	61	*			70	121	
Total PAH	17600	1980	13050	ug/Kg	74				70	121	
2,4-Dinitrophenol	2200		0	ug/Kg	0	*			10	155	
4-Nitrophenol	2200		460	ug/Kg	21	*			45	133	
Dibenzofuran	1100		680	ug/Kg	62	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF011525

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		620	ug/Kg	56				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1270	ug/Kg	58				55	128	
Diethylphthalate	1100		690	ug/Kg	63	*			70	112	
4-Chlorophenyl-phenylether	1100		660	ug/Kg	60	*			71	108	
Fluorene	1100		680	ug/Kg	62	*			68	116	
4-Nitroaniline	1100		530	ug/Kg	48	*			55	120	
4,6-Dinitro-2-methylphenol	1100		130	ug/Kg	12				10	160	
N-Nitrosodiphenylamine	1100		840	ug/Kg	76				73	118	
Azobenzene	1100		690	ug/Kg	63	*			73	110	
4-Bromophenyl-phenylether	1100		800	ug/Kg	73				65	121	
Hexachlorobenzene	1100		740	ug/Kg	67				67	118	
Atrazine	1100		980	ug/Kg	89				79	127	
Pentachlorophenol	2200		530	ug/Kg	24	*			47	128	
Phenanthrene	1100	130	880	ug/Kg	68				52	128	
Anthracene	1100	100	880	ug/Kg	71				62	124	
Carbazole	1100		730	ug/Kg	66				59	119	
Di-n-butylphthalate	1100		790	ug/Kg	72				69	118	
Fluoranthene	1100	190	1000	ug/Kg	74				44	125	
Benzidine	2200		360	ug/Kg	16				10	119	
Pyrene	1100	210	750	ug/Kg	49				26	142	
Butylbenzylphthalate	1100		610	ug/Kg	55	*			64	126	
3,3-Dichlorobenzidine	1100		450	ug/Kg	41				33	116	
Benzo(a)anthracene	1100	160	920	ug/Kg	69	*			71	114	
Chrysene	1100	130	830	ug/Kg	64				57	121	
bis(2-Ethylhexyl)phthalate	1100		710	ug/Kg	65				42	169	
Di-n-octyl phthalate	1100		860	ug/Kg	78				23	175	
Benzo(b)fluoranthene	1100	230	990	ug/Kg	69				67	121	
Benzo(k)fluoranthene	1100	110	910	ug/Kg	73				57	134	
Benzo(a)pyrene	1100	280	1100	ug/Kg	75				70	142	
Indeno(1,2,3-cd)pyrene	1100	130	660	ug/Kg	48				40	129	
Dibenz(a,h)anthracene	1100		550	ug/Kg	50				43	123	
Benzo(g,h,i)perylene	1100	200	690	ug/Kg	45				24	125	
1,2,4,5-Tetrachlorobenzene	1100		740	ug/Kg	67	*			69	124	
1,4-Dioxane	1100		530	ug/Kg	48				46	112	
2,3,4,6-Tetrachlorophenol	1100		250	ug/Kg	23	*			69	112	
1-Methylnaphthalene	1100		640	ug/Kg	58	*			70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF011525

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1068-01MSD		Client Sample ID: TR-06-1-10-2025MSD		DataFile: BF141176.D							
n-Nitrosodimethylamine	1100		650	ug/Kg	59	*	5		66	124	20
Pyridine	1100		540	ug/Kg	49		4		45	119	20
Benzaldehyde	1100		130	ug/Kg	12		9		10	86	20
Aniline	1100		350	ug/Kg	32		10		10	88	20
Phenol	1100		700	ug/Kg	64	*	12		67	126	20
bis(2-Chloroethyl)ether	1100		700	ug/Kg	64		5		54	125	20
2-Chlorophenol	1100		670	ug/Kg	61	*	9		79	107	20
1,2-Dichlorobenzene	1100		670	ug/Kg	61		7		61	105	20
1,3-Dichlorobenzene	1100		630	ug/Kg	57	*	4		62	101	20
1,4-Dichlorobenzene	1100		640	ug/Kg	58	*	5		63	104	20
Benzyl Alcohol	1100		730	ug/Kg	66		8		47	126	20
2-Methylphenol	1100		700	ug/Kg	64	*	10		66	122	20
2,2-oxybis(1-Chloropropane)	1100		660	ug/Kg	60	*	3		65	110	20
Acetophenone	1100		690	ug/Kg	63	*	0		75	111	20
3+4-Methylphenols	1100		710	ug/Kg	65	*	11		66	104	20
N-Nitroso-di-n-propylamine	1100		690	ug/Kg	63		7		59	119	20
Hexachloroethane	1100		640	ug/Kg	58	*	4		65	117	20
Nitrobenzene	1100		640	ug/Kg	58	*	0		70	119	20
Isophorone	1100		700	ug/Kg	64	*	0		76	122	20
2-Nitrophenol	1100		550	ug/Kg	50	*	4		54	145	20
2,4-Dimethylphenol	1100		810	ug/Kg	74		3		44	135	20
bis(2-Chloroethoxy)methane	1100		680	ug/Kg	62	*	2		68	112	20
2,4-Dichlorophenol	1100		640	ug/Kg	58	*	5		72	118	20
1,2,4-Trichlorobenzene	1100		640	ug/Kg	58		2		57	103	20
Benzoic acid	1100			ug/Kg	0	*			50	104	20
Naphthalene	1100		700	ug/Kg	64	*	2		72	110	20
4-Chloroaniline	1100		290	ug/Kg	26		12		10	91	20
Hexachlorobutadiene	1100		630	ug/Kg	57	*	3		66	114	20
Caprolactam	1100		670	ug/Kg	61		14		51	134	20
4-Chloro-3-methylphenol	1100		710	ug/Kg	65		15		57	132	20
2-Methylnaphthalene	1100		710	ug/Kg	65		5		59	123	20
Hexachlorocyclopentadiene	2200		970	ug/Kg	44		37	*	10	175	20
2,4,6-Trichlorophenol	1100		390	ug/Kg	35	*	0		72	117	20
2,4,5-Trichlorophenol	1100		510	ug/Kg	46	*	2		72	117	20
1,1-Biphenyl	1100		720	ug/Kg	65	*	3		75	113	20
2-Chloronaphthalene	1100		680	ug/Kg	62	*	0		67	118	20
2-Nitroaniline	1100		730	ug/Kg	66	*	5		69	127	20
Dimethylphthalate	1100		720	ug/Kg	65	*	2		70	113	20
Acenaphthylene	1100	110	850	ug/Kg	67	*	0		79	118	20
2,6-Dinitrotoluene	1100		680	ug/Kg	62	*	5		70	125	20
3-Nitroaniline	1100		560	ug/Kg	51		13		30	99	20
Acenaphthene	1100		680	ug/Kg	62	*	2		70	121	20
Total PAH	17600	1980	13610	ug/Kg	77		4		70	121	20
2,4-Dinitrophenol	2200		0	ug/Kg	0	*			10	155	20
4-Nitrophenol	2200		540	ug/Kg	25	*	17		45	133	20
Dibenzofuran	1100		700	ug/Kg	64	*	3		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF011525

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		700	ug/Kg	64		13		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1380	ug/Kg	63		8		55	128	20
Diethylphthalate	1100		710	ug/Kg	65	*	3		70	112	20
4-Chlorophenyl-phenylether	1100		700	ug/Kg	64	*	6		71	108	20
Fluorene	1100		720	ug/Kg	65	*	5		68	116	20
4-Nitroaniline	1100		620	ug/Kg	56		15		55	120	20
4,6-Dinitro-2-methylphenol	1100		99.8	ug/Kg	9	*	29	*	10	160	20
N-Nitrosodiphenylamine	1100		840	ug/Kg	76		0		73	118	20
Azobenzene	1100		740	ug/Kg	67	*	6		73	110	20
4-Bromophenyl-phenylether	1100		780	ug/Kg	71		3		65	121	20
Hexachlorobenzene	1100		740	ug/Kg	67		0		67	118	20
Atrazine	1100		990	ug/Kg	90		1		79	127	20
Pentachlorophenol	2200		510	ug/Kg	23	*	4		47	128	20
Phenanthrene	1100	130	890	ug/Kg	69		1		52	128	20
Anthracene	1100	100	900	ug/Kg	73		3		62	124	20
Carbazole	1100		730	ug/Kg	66		0		59	119	20
Di-n-butylphthalate	1100		780	ug/Kg	71		1		69	118	20
Fluoranthene	1100	190	930	ug/Kg	67		10		44	125	20
Benzydine	2200		330	ug/Kg	15		6		10	119	20
Pyrene	1100	210	870	ug/Kg	60		20		26	142	20
Butylbenzylphthalate	1100		690	ug/Kg	63	*	14		64	126	20
3,3-Dichlorobenzidine	1100		460	ug/Kg	42		2		33	116	20
Benzo(a)anthracene	1100	160	870	ug/Kg	65	*	6		71	114	20
Chrysene	1100	130	900	ug/Kg	70		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		770	ug/Kg	70		7		42	169	20
Di-n-octyl phthalate	1100		830	ug/Kg	75		4		23	175	20
Benzo(b)fluoranthene	1100	230	1100	ug/Kg	79		14		67	121	20
Benzo(k)fluoranthene	1100	110	890	ug/Kg	71		3		57	134	20
Benzo(a)pyrene	1100	280	1200	ug/Kg	84		11		70	142	20
Indeno(1,2,3-cd)pyrene	1100	130	730	ug/Kg	55		14		40	129	20
Dibenz(a,h)anthracene	1100		610	ug/Kg	55		10		43	123	20
Benzo(g,h,i)perylene	1100	200	770	ug/Kg	52		14		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		720	ug/Kg	65	*	3		69	124	20
1,4-Dioxane	1100		540	ug/Kg	49		2		46	112	20
2,3,4,6-Tetrachlorophenol	1100		290	ug/Kg	26	*	12		69	112	20
1-Methylnaphthalene	1100		670	ug/Kg	61	*	5		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166008BS	PB166008BS	BF141167.D	2-Fluorophenol	150	142.40	95		10	139
			Phenol-d6	150	141.38	94		10	134
			Nitrobenzene-d5	100	98.64	99		49	133
			2-Fluorobiphenyl	100	97.00	97		52	132
			2,4,6-Tribromophenol	150	157.48	105		44	137
			Terphenyl-d14	100	97.75	98		48	125
PB166008BSD	PB166008BSD	BF141168.D	2-Fluorophenol	150	125.61	84		10	139
			Phenol-d6	150	123.31	82		10	134
			Nitrobenzene-d5	100	86.54	87		49	133
			2-Fluorobiphenyl	100	85.53	86		52	132
			2,4,6-Tribromophenol	150	140.30	94		44	137
			Terphenyl-d14	100	85.65	86		48	125

Surrogate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166035BL	PB166035BL	BF141169.D	2-Fluorophenol	150	137.28	92		18	112
			Phenol-d6	150	135.55	90		15	107
			Nitrobenzene-d5	100	96.44	96		18	107
			2-Fluorobiphenyl	100	97.61	98		20	109
			2,4,6-Tribromophenol	150	152.91	102		10	116
			Terphenyl-d14	100	82.63	83		10	105
PB166035BS	PB166035BS	BF141165.D	2-Fluorophenol	150	127.97	85		18	112
			Phenol-d6	150	126.98	85		15	107
			Nitrobenzene-d5	100	88.70	89		18	107
			2-Fluorobiphenyl	100	88.55	89		20	109
			2,4,6-Tribromophenol	150	146.82	98		10	116
			Terphenyl-d14	100	88.70	89		10	105
Q1068-01MS	TR-06-1-10-2025MBF141175.D		2-Fluorophenol	150	69.77	47		18	112
			Phenol-d6	150	80.76	54		15	107
			Nitrobenzene-d5	100	61.36	61		18	107
			2-Fluorobiphenyl	100	65.85	66		20	109
			2,4,6-Tribromophenol	150	33.34	22		10	116
			Terphenyl-d14	100	45.36	45		10	105
Q1068-01MSD	TR-06-1-10-2025MBF141176.D		2-Fluorophenol	150	74.18	49		18	112
			Phenol-d6	150	88.23	59		15	107
			Nitrobenzene-d5	100	62.10	62		18	107
			2-Fluorobiphenyl	100	62.57	63		20	109
			2,4,6-Tribromophenol	150	37.12	25		10	116
			Terphenyl-d14	100	52.28	52		10	105
Q1069-01	RW7B-CARBON-2BF141173.D		2-Fluorophenol	150	7.86	5	*	18	112
			Phenol-d6	150	8.17	5	*	15	107
			Nitrobenzene-d5	100	8.53	9	*	18	107
			2-Fluorobiphenyl	100	8.53	9	*	20	109
			2,4,6-Tribromophenol	150	9.68	6	*	10	116
			Terphenyl-d14	100	7.98	8	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166026TB	PB166026TB	BF141166.D	2-Fluorophenol	150	142.02	95		10	139
			Phenol-d6	150	140.89	94		10	134
			Nitrobenzene-d5	100	99.68	100		49	133
			2-Fluorobiphenyl	100	99.65	100		52	132
			2,4,6-Tribromophenol	150	151.92	101		44	137
			Terphenyl-d14	100	85.76	86		48	125
PB166052BL	PB166052BL	BF141164.D	2-Fluorophenol	150	135.11	90		10	139
			Phenol-d6	150	131.19	87		10	134
			Nitrobenzene-d5	100	94.20	94		49	133
			2-Fluorobiphenyl	100	94.04	94		52	132
			2,4,6-Tribromophenol	150	145.78	97		44	137
			Terphenyl-d14	100	80.17	80		48	125
PB166052BS	PB166052BS	BF141170.D	2-Fluorophenol	150	140.94	94		10	139
			Phenol-d6	150	137.60	92		10	134
			Nitrobenzene-d5	100	96.34	96		49	133
			2-Fluorobiphenyl	100	96.81	97		52	132
			2,4,6-Tribromophenol	150	157.62	105		44	137
			Terphenyl-d14	100	93.23	93		48	125

Surrogate Summary

SW-846

SDG No.: **BF011525**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166061BL	PB166061BL	BF141171.D	2-Fluorophenol	150	138.15	92		18	112
			Phenol-d6	150	135.40	90		15	107
			Nitrobenzene-d5	100	96.27	96		18	107
			2-Fluorobiphenyl	100	96.05	96		20	109
			2,4,6-Tribromophenol	150	148.45	99		10	116
			Terphenyl-d14	100	82.01	82		10	105
PB166061BS	PB166061BS	BF141172.D	2-Fluorophenol	150	138.64	92		18	112
			Phenol-d6	150	138.29	92		15	107
			Nitrobenzene-d5	100	95.55	96		18	107
			2-Fluorobiphenyl	100	94.80	95		20	109
			2,4,6-Tribromophenol	150	155.58	104		10	116
			Terphenyl-d14	100	96.51	97		10	105
Q1069-01RX	RW7B-CARBON-2BF141174.D		2-Fluorophenol	150	49.55	33		18	112
			Phenol-d6	150	48.34	32		15	107
			Nitrobenzene-d5	100	38.01	38		18	107
			2-Fluorobiphenyl	100	39.18	39		20	109
			2,4,6-Tribromophenol	150	50.30	34		10	116
			Terphenyl-d14	100	28.72	29		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF011525

Lab Code: CHEM

SAS No.: BF011525 SDG NO.: BF011525

Lab File ID: BF141162.D

DFTPP Injection Date: 01/15/2025

Instrument ID: BNA_F

DFTPP Injection Time: 09:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (18.5) 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	BF141163.D	01/15/2025	09:34
PB166052BL	PB166052BL	BF141164.D	01/15/2025	10:00
PB166035BS	PB166035BS	BF141165.D	01/15/2025	10:26
PB166026TB	PB166026TB	BF141166.D	01/15/2025	10:52
PB166008BS	PB166008BS	BF141167.D	01/15/2025	11:19
PB166008BSD	PB166008BSD	BF141168.D	01/15/2025	11:45
PB166035BL	PB166035BL	BF141169.D	01/15/2025	12:11
PB166052BS	PB166052BS	BF141170.D	01/15/2025	12:38
PB166061BL	PB166061BL	BF141171.D	01/15/2025	13:12
PB166061BS	PB166061BS	BF141172.D	01/15/2025	13:38
RW7B-CARBON-20250109	Q1069-01	BF141173.D	01/15/2025	14:13
RW7B-CARBON-20250109RX	Q1069-01RX	BF141174.D	01/15/2025	14:39
TR-06-1-10-2025MS	Q1068-01MS	BF141175.D	01/15/2025	15:05
TR-06-1-10-2025MSD	Q1068-01MSD	BF141176.D	01/15/2025	16:40
SSTDCCC040EC	SSTDCCC040	BF141177.D	01/15/2025	17:10