

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG No.: BF010825

Instrument ID: BNA_F Calibration Date/Time: 1/8/2025 12:10:49

Lab File ID: BF141079.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.744	0.665		-10.618	
Pyridine	1.468	1.388		-5.45	
2-Fluorophenol	1.327	1.230		-7.31	
Benzaldehyde	0.941	0.822		-12.646	
Aniline	1.524	1.453		-4.659	
Phenol-d6	1.709	1.560		-8.719	
Phenol	1.767	1.674		-5.263	20.0
bis(2-Chloroethyl) ether	1.427	1.255		-12.053	
2-Chlorophenol	1.399	1.329		-5.004	
1,2-Dichlorobenzene	1.451	1.384		-4.618	
1,3-Dichlorobenzene	1.544	1.470		-4.793	
1,4-Dichlorobenzene	1.556	1.483		-4.692	20.0
Benzyl Alcohol	1.228	1.143		-6.922	
2-Methylphenol	1.162	1.076		-7.401	
2,2-oxybis(1-Chloropropane)	2.158	1.867		-13.485	
Acetophenone	0.491	0.449		-8.554	
3+4-Methylphenols	1.471	1.355		-7.886	
n-Nitroso-di-n-propylamine	1.047	0.924	0.050	-11.748	
Nitrobenzene-d5	0.313	0.360		15.016	
Hexachloroethane	0.553	0.541		-2.17	
Nitrobenzene	0.349	0.379		8.596	
Isophorone	0.680	0.633		-6.912	
2-Nitrophenol	0.118	0.171		44.915	20.0
2,4-Dimethylphenol	0.249	0.232		-6.827	
bis(2-Chloroethoxy) methane	0.431	0.399		-7.425	
2,4-Dichlorophenol	0.282	0.279		-1.064	20.0
1,2,4-Trichlorobenzene	0.319	0.312		-2.194	
Benzoic acid	0.178	0.231		29.775	
Naphthalene	1.054	1.008		-4.364	
4-Chloroaniline	0.381	0.355		-6.824	
Hexachlorobutadiene	0.188	0.189		0.532	20.0
Caprolactam	0.096	0.094		-2.083	
4-Chloro-3-methylphenol	0.313	0.305		-2.556	20.0
2-Methylnaphthalene	0.674	0.642		-4.748	
Hexachlorocyclopentadiene	0.182	0.201	0.050	10.44	
2,4,6-Trichlorophenol	0.366	0.371		1.366	20.0
2-Fluorobiphenyl	1.255	1.195		-4.781	
2,4,5-Trichlorophenol	0.375	0.399		6.4	
1,1-Biphenyl	1.531	1.468		-4.115	

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Lab File ID: BF141079.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.188	1.151		-3.114	
2-Nitroaniline	0.259	0.348		34.363	
Dimethylphthalate	1.316	1.285		-2.356	
Acenaphthylene	1.710	1.641		-4.035	
2,6-Dinitrotoluene	0.231	0.304		31.602	
3-Nitroaniline	0.255	0.315		23.529	
Acenaphthene	1.156	1.140		-1.384	20.0
2,4-Dinitrophenol	0.075	0.136	0.050	81.333	
4-Nitrophenol	0.225	0.253	0.050	12.444	
Dibenzofuran	1.624	1.560		-3.941	
2,4-Dinitrotoluene	0.273	0.395		44.689	
Diethylphthalate	1.299	1.258		-3.156	
4-Chlorophenyl-phenylether	0.606	0.591		-2.475	
Fluorene	1.260	1.194		-5.238	
4-Nitroaniline	0.255	0.306		20.0	
4,6-Dinitro-2-methylphenol	0.067	0.120		79.104	
n-Nitrosodiphenylamine	0.630	0.641		1.746	20.0
Azobenzene	1.363	1.266		-7.117	
2,4,6-Tribromophenol	0.194	0.220		13.402	
4-Bromophenyl-phenylether	0.216	0.235		8.796	
Hexachlorobenzene	0.238	0.253		6.303	
Atrazine	0.176	0.152		-13.636	
Pentachlorophenol	0.148	0.172		16.216	20.0
Phenanthrene	1.053	1.047		-0.57	
Anthracene	1.031	1.031		0.0	
Carbazole	0.992	0.952		-4.032	
Di-n-butylphthalate	1.128	1.121		-0.621	
Fluoranthene	1.142	1.062		-7.005	20.0
Benzidine	0.423	0.466		10.165	
Pyrene	1.749	1.813		3.659	
Terphenyl-d14	1.204	1.265		5.066	
Butylbenzylphthalate	0.639	0.638		-0.156	
3,3-Dichlorobenzidine	0.419	0.421		0.477	
Benzo(a)anthracene	1.394	1.301		-6.671	
Chrysene	1.257	1.170		-6.921	
Bis(2-ethylhexyl)phthalate	0.828	0.762		-7.971	
Di-n-octyl phthalate	1.199	1.174		-2.085	20.0
Benzo(b)fluoranthene	1.395	1.236		-11.398	
Benzo(k)fluoranthene	1.093	1.030		-5.764	

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Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG No.: BF010825

Instrument ID: BNA_F Calibration Date/Time: 1/8/2025 12:10:49

Lab File ID: BF141079.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.083	1.038		-4.155	20.0
Indeno(1,2,3-cd)pyrene	1.260	1.430		13.492	
Dibenzo(a,h)anthracene	1.021	1.169		14.496	
Benzo(g,h,i)perylene	1.059	1.221		15.297	
1,2,4,5-Tetrachlorobenzene	0.550	0.545		-0.909	
1,4-Dioxane	0.601	0.546		-9.151	20.0
2,3,4,6-Tetrachlorophenol	0.310	0.334		7.742	
1-Methylnaphthalene	0.663	0.632		-4.676	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BL	SDG No.:	BF010825
Lab Sample ID:	PB165980BL	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
BF141080.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BL	SDG No.:	BF010825
Lab Sample ID:	PB165980BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141080.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BL	SDG No.:	BF010825
Lab Sample ID:	PB165980BL	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
BF141080.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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	112.41		10-139		75	SPK: -150
13127-88-3	Phenol-d6	108.445		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	94.829		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	77.53		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BL	SDG No.:	BF010825
Lab Sample ID:	PB165980BL	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
BF141080.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.629		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	69.973		48-125		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	266985	6.828				
1146-65-2	Naphthalene-d8	1083393	8.11				
15067-26-2	Acenaphthene-d10	593362	9.863				
1517-22-2	Phenanthrene-d10	1042880	11.351				
1719-03-5	Chrysene-d12	870332	13.998				
1520-96-3	Perylene-d12	685518	15.486				

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165973TB	SDG No.:	BF010825
Lab Sample ID:	PB165973TB	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
BF141081.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165973TB	SDG No.:	BF010825
Lab Sample ID:	PB165973TB	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
BF141081.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165973TB	SDG No.:	BF010825
Lab Sample ID:	PB165973TB	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
BF141081.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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	109.299		10-139		73	SPK: -150
13127-88-3	Phenol-d6	107.052		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	93.201		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	74.689		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165973TB	SDG No.:	BF010825
Lab Sample ID:	PB165973TB	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
BF141081.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.131		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	75.611		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258508	6.828				
1146-65-2	Naphthalene-d8	1038143	8.11				
15067-26-2	Acenaphthene-d10	573181	9.863				
1517-22-2	Phenanthrene-d10	970542	11.345				
1719-03-5	Chrysene-d12	735136	13.992				
1520-96-3	Perylene-d12	579900	15.468				

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BS	SDG No.:	BF010825
Lab Sample ID:	PB165980BS	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
BF141082.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	38.4		1	8	10	ug/L
110-86-1	Pyridine	36.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	36.3		1.6	4	5	ug/L
108-95-2	Phenol	41.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	42.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	39.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	39.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	41.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	41.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.9		1.4	4	5	ug/L
98-86-2	Acetophenone	38.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	39.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.3		1	4	5	ug/L
98-95-3	Nitrobenzene	43.8		1.3	4	5	ug/L
78-59-1	Isophorone	40.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39		1.1	4	5	ug/L
65-85-0	Benzoic acid	46.7		5.5	8	10	ug/L
91-20-3	Naphthalene	39.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	12.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BS	SDG No.:	BF010825
Lab Sample ID:	PB165980BS	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
BF141082.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	42.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	38.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	42.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	24.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.3		0.81	4	5	ug/L
Total PAH	Total PAH	689.8		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	93.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	40.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	40.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.4		0.98	4	5	ug/L
86-73-7	Fluorene	39.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	63.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.4		0.89	4	5	ug/L
103-33-3	Azobenzene	39.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.4		1.1	4	5	ug/L
1912-24-9	Atrazine	52.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BS	SDG No.:	BF010825
Lab Sample ID:	PB165980BS	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
BF141082.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42.6		0.89	4	5	ug/L
120-12-7	Anthracene	44.7		1.1	4	5	ug/L
86-74-8	Carbazole	39.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	41.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	38.3		1.3	4	5	ug/L
92-87-5	Benzidine	45		4.1	8	10	ug/L
129-00-0	Pyrene	45.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	44.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	25.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	39.5		0.94	4	5	ug/L
218-01-9	Chrysene	41.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	43.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	38.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	40.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	107.198		10-139		71	SPK: -150
13127-88-3	Phenol-d6	105.931		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	92.413		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	74.785		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	1/8/2025 12:00:00 AM
Project:		Date Received:	1/8/2025 12:00:00 AM
Client Sample ID:	PB165980BS	SDG No.:	BF010825
Lab Sample ID:	PB165980BS	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
BF141082.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.79		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	90.31		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248006	6.828				
1146-65-2	Naphthalene-d8	999479	8.11				
15067-26-2	Acenaphthene-d10	543557	9.863				
1517-22-2	Phenanthrene-d10	896658	11.351				
1719-03-5	Chrysene-d12	491752	13.992				
1520-96-3	Perylene-d12	504311	15.457				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF010825
Lab Sample ID:	Q1023-01	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
BF141083.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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	89.7	J	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF010825
Lab Sample ID:	Q1023-01	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
BF141083.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF010825
Lab Sample ID:	Q1023-01	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
BF141083.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

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	147.616		10-139		98	SPK: -150
13127-88-3	Phenol-d6	134.522		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	123.121		49-133		123	SPK: -100
321-60-8	2-Fluorobiphenyl	96.966		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651	SDG No.:	BF010825
Lab Sample ID:	Q1023-01	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
BF141083.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	180.97		44-137		121	SPK: -150
1718-51-0	Terphenyl-d14	94.939		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196666	6.828				
1146-65-2	Naphthalene-d8	762012	8.11				
15067-26-2	Acenaphthene-d10	411604	9.863				
1517-22-2	Phenanthrene-d10	675105	11.345				
1719-03-5	Chrysene-d12	409501	13.986				
1520-96-3	Perylene-d12	428622	15.457				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MS	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MS	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
BF141084.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	410		15.5	40	50	ug/L
100-52-7	Benzaldehyde	93.6	J	40	80	100	ug/L
62-53-3	Aniline	470		16	40	50	ug/L
108-95-2	Phenol	480		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	530		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	510		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	510		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	560		16	80	100	ug/L
95-48-7	2-Methylphenol	540		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	520		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	530		14.8	25	25	ug/L
67-72-1	Hexachloroethane	540		10.1	40	50	ug/L
98-95-3	Nitrobenzene	600		12.7	40	50	ug/L
78-59-1	Isophorone	550		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	710		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	640		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	580		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	520		11	40	50	ug/L
65-85-0	Benzoic acid	640		54.7	80	100	ug/L
91-20-3	Naphthalene	520		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	32.5	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	540		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MS	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MS	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
BF141084.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	520		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	540		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	2100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	590		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	630		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	560		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	610		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	580		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	640		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	650		8.1	40	50	ug/L
Total PAH	Total PAH	9160		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	560		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	320		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	680		15.2	40	50	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540		9.8	40	50	ug/L
86-73-7	Fluorene	530		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	190		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	890	E	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	530		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	620		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	620		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MS	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MS	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
BF141084.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	580		8.9	40	50	ug/L
120-12-7	Anthracene	590		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	550		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	560		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	560		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	530		9.4	40	50	ug/L
218-01-9	Chrysene	560		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	680		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	600		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	590		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	660		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	660		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	570		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	460		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	640		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.275		10-139		95	SPK: -150
13127-88-3	Phenol-d6	127.652		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	123.043		49-133		123	SPK: -100
321-60-8	2-Fluorobiphenyl	102.265		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MS	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MS	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
BF141084.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	182.629		44-137		122	SPK: -150
1718-51-0	Terphenyl-d14	99.816		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199992	6.834				
1146-65-2	Naphthalene-d8	780303	8.11				
15067-26-2	Acenaphthene-d10	407725	9.863				
1517-22-2	Phenanthrene-d10	673555	11.351				
1719-03-5	Chrysene-d12	387687	13.998				
1520-96-3	Perylene-d12	449873	15.474				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MSD	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MSD	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
BF141085.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	400		15.5	40	50	ug/L
100-52-7	Benzaldehyde	89.6	J	40	80	100	ug/L
62-53-3	Aniline	460		16	40	50	ug/L
108-95-2	Phenol	470		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	520		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	500		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	510		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	530		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	530		10.1	40	50	ug/L
98-95-3	Nitrobenzene	580		12.7	40	50	ug/L
78-59-1	Isophorone	540		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	700		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	630		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	520		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	560		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	520		11	40	50	ug/L
65-85-0	Benzoic acid	610		54.7	80	100	ug/L
91-20-3	Naphthalene	520		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	32.5	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	530		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MSD	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MSD	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
BF141085.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	510		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	540		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	2000	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	580		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	610		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	540		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	530		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	600		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	570		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	630		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	640		8.1	40	50	ug/L
Total PAH	Total PAH	8990		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	550		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	670		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	300		27.6	40	100	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530		9.8	40	50	ug/L
86-73-7	Fluorene	520		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	200		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	870	E	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	610		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MSD	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MSD	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
BF141085.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	570		8.9	40	50	ug/L
120-12-7	Anthracene	580		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	550		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	550		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	560		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	520		9.4	40	50	ug/L
218-01-9	Chrysene	560		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	530		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	660		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	540		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	640		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	640		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	560		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	460		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	630		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	500		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.604		10-139		94	SPK: -150
13127-88-3	Phenol-d6	126.608		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	121.376		49-133		121	SPK: -100
321-60-8	2-Fluorobiphenyl	100.959		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	HT2651MSD	SDG No.:	BF010825
Lab Sample ID:	Q1023-01MSD	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
BF141085.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.346		44-137		120	SPK: -150
1718-51-0	Terphenyl-d14	98.903		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197081	6.828				
1146-65-2	Naphthalene-d8	775659	8.11				
15067-26-2	Acenaphthene-d10	401315	9.863				
1517-22-2	Phenanthrene-d10	669996	11.351				
1719-03-5	Chrysene-d12	386475	13.992				
1520-96-3	Perylene-d12	454821	15.451				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T1	SDG No.:	BF010825
Lab Sample ID:	Q1034-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141086.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T1	SDG No.:	BF010825
Lab Sample ID:	Q1034-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141086.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T1	SDG No.:	BF010825
Lab Sample ID:	Q1034-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141086.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.713		18-112		68	SPK: -150
13127-88-3	Phenol-d6	108.491		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	102.088		18-107		102	SPK: -100
321-60-8	2-Fluorobiphenyl	87.731		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T1	SDG No.:	BF010825
Lab Sample ID:	Q1034-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141086.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.47		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	87.535		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198652	6.828				
1146-65-2	Naphthalene-d8	779432	8.11				
15067-26-2	Acenaphthene-d10	406175	9.857				
1517-22-2	Phenanthrene-d10	654093	11.345				
1719-03-5	Chrysene-d12	407347	13.986				
1520-96-3	Perylene-d12	424285	15.462				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T2	SDG No.:	BF010825
Lab Sample ID:	Q1034-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141087.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T2	SDG No.:	BF010825
Lab Sample ID:	Q1034-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141087.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.7	U	793.7	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T2	SDG No.:	BF010825
Lab Sample ID:	Q1034-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141087.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.206		18-112		65	SPK: -150
13127-88-3	Phenol-d6	109.852		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	104.811		18-107		105	SPK: -100
321-60-8	2-Fluorobiphenyl	87.971		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	T2	SDG No.:	BF010825
Lab Sample ID:	Q1034-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141087.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.85		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	99.637		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190685	6.828				
1146-65-2	Naphthalene-d8	748194	8.11				
15067-26-2	Acenaphthene-d10	399273	9.857				
1517-22-2	Phenanthrene-d10	662834	11.345				
1719-03-5	Chrysene-d12	391083	13.986				
1520-96-3	Perylene-d12	415878	15.462				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-A	SDG No.:	BF010825
Lab Sample ID:	Q1034-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	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
BF141088.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.9	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-A	SDG No.:	BF010825
Lab Sample ID:	Q1034-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	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
BF141088.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-A	SDG No.:	BF010825
Lab Sample ID:	Q1034-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	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
BF141088.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.61		18-112		76	SPK: -150
13127-88-3	Phenol-d6	119.084		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	105.936		18-107		106	SPK: -100
321-60-8	2-Fluorobiphenyl	91.496		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-A	SDG No.:	BF010825
Lab Sample ID:	Q1034-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	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
BF141088.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.956		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	105.625	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195582	6.828				
1146-65-2	Naphthalene-d8	772688	8.11				
15067-26-2	Acenaphthene-d10	411863	9.857				
1517-22-2	Phenanthrene-d10	688416	11.345				
1719-03-5	Chrysene-d12	410587	13.986				
1520-96-3	Perylene-d12	435140	15.463				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-B	SDG No.:	BF010825
Lab Sample ID:	Q1034-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141089.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-B	SDG No.:	BF010825
Lab Sample ID:	Q1034-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141089.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-B	SDG No.:	BF010825
Lab Sample ID:	Q1034-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141089.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.487		18-112		72	SPK: -150
13127-88-3	Phenol-d6	113.087		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	108.489	*	18-107		108	SPK: -100
321-60-8	2-Fluorobiphenyl	93.594		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SF-6-B	SDG No.:	BF010825
Lab Sample ID:	Q1034-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141089.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.212		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	106.111	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193259	6.828				
1146-65-2	Naphthalene-d8	765069	8.11				
15067-26-2	Acenaphthene-d10	402518	9.857				
1517-22-2	Phenanthrene-d10	681923	11.345				
1719-03-5	Chrysene-d12	414793	13.986				
1520-96-3	Perylene-d12	434001	15.451				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF010825
Lab Sample ID:	Q1034-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	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
BF141090.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF010825
Lab Sample ID:	Q1034-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	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
BF141090.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF010825
Lab Sample ID:	Q1034-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	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
BF141090.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.821		18-112		68	SPK: -150
13127-88-3	Phenol-d6	107.965		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	103.336		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	88.663		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF010825
Lab Sample ID:	Q1034-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	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
BF141090.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.853		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	101.497		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186021	6.828				
1146-65-2	Naphthalene-d8	740329	8.104				
15067-26-2	Acenaphthene-d10	393858	9.857				
1517-22-2	Phenanthrene-d10	657641	11.345				
1719-03-5	Chrysene-d12	401009	13.98				
1520-96-3	Perylene-d12	429791	15.451				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF010825
Lab Sample ID:	Q1034-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141091.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

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

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF010825
Lab Sample ID:	Q1034-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141091.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF010825
Lab Sample ID:	Q1034-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141091.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.185		18-112		71	SPK: -150
13127-88-3	Phenol-d6	111.804		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	99.725		18-107		100	SPK: -100
321-60-8	2-Fluorobiphenyl	86.275		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF010825
Lab Sample ID:	Q1034-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141091.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.65		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	98.995		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213673	6.828				
1146-65-2	Naphthalene-d8	845325	8.104				
15067-26-2	Acenaphthene-d10	447125	9.857				
1517-22-2	Phenanthrene-d10	742124	11.345				
1719-03-5	Chrysene-d12	458722	13.98				
1520-96-3	Perylene-d12	486448	15.445				

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMP	SDG No.:	BF010825
Lab Sample ID:	Q1025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141092.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.2	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.1	U	58.1	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	57.6	U	57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.1	U	63.1	90.2	120	ug/Kg
98-86-2	Acetophenone	60.3	U	60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.4	U	55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.6	U	57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	63	U	63	90.2	120	ug/Kg
78-59-1	Isophorone	58.7	U	58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.2	U	59.2	90.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMP	SDG No.:	BF010825
Lab Sample ID:	Q1025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141092.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.8	U	53.8	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.9	U	65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.9	U	61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	90.2	120	ug/Kg
Total PAH	Total PAH	919.5	U	919.5	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.5	U	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	58.6	U	58.6	90.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.5	U	117.5	90.2	240	ug/Kg
84-66-2	Diethylphthalate	55.6	U	55.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	90.2	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.2	U	81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90.2	120	ug/Kg
1912-24-9	Atrazine	63.4	U	63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMP	SDG No.:	BF010825
Lab Sample ID:	Q1025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141092.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	60.1	J	58.3	90.2	120	ug/Kg
120-12-7	Anthracene	58.6	U	58.6	90.2	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.5	U	58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	110	J	56.7	90.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	120		57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.2	U	67.2	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.4	U	68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	74.6	J	56	90.2	120	ug/Kg
218-01-9	Chrysene	71	J	55.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.3	U	76.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	J	56.3	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.3	U	57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	79.4	J	64.5	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.2	U	54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.6	U	55.6	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	76.3	U	76.3	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.49		18-112		64	SPK: -150
13127-88-3	Phenol-d6	93.632		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	80.56		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	66.047		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMP	SDG No.:	BF010825
Lab Sample ID:	Q1025-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.05 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
BF141092.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.392		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	53.187		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174931	6.828				
1146-65-2	Naphthalene-d8	682944	8.11				
15067-26-2	Acenaphthene-d10	351731	9.857				
1517-22-2	Phenanthrene-d10	526160	11.345				
1719-03-5	Chrysene-d12	385549	13.986				
1520-96-3	Perylene-d12	366102	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			10.569	
000057-10-3	n-Hexadecanoic acid	180	J			11.874	
018791-75-8	4-Bromothiophene-2-aldehyde	48.6	J			11.957	
000057-11-4	Octadecanoic acid	49	J			12.657	
074685-30-6	5-Eicosene, (E)-	70.3	J			13.833	
000646-31-1	Tetracosane	120	J			15.121	
000629-94-7	Heneicosane	98.1	J			15.939	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMS	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF141093.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.2	190	230	ug/Kg
110-86-1	Pyridine	1000		55.4	90.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	430		67.2	90.2	120	ug/Kg
108-95-2	Phenol	1100		57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		58.1	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.9	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.7	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		63.1	90.2	120	ug/Kg
98-86-2	Acetophenone	1100		60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	1100		57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	1200		63	90.2	120	ug/Kg
78-59-1	Isophorone	1100		58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	1400		65.6	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.7	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		59.5	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.3	90.2	120	ug/Kg
65-85-0	Benzoic acid	1300		160	190	230	ug/Kg
91-20-3	Naphthalene	1100		57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	140		57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMS	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF141093.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.8	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.2	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.5	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		51.3	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		60.6	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	1300		65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	1200		56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	1200		60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		57.7	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	750		61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	1200		56.3	90.2	120	ug/Kg
Total PAH	Total PAH	18330		919.5	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2200	E	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58.6	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		117.5	90.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		59.8	90.2	120	ug/Kg
84-66-2	Diethylphthalate	1100		55.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.4	90.2	120	ug/Kg
86-73-7	Fluorene	1100		59.3	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	1000		74.2	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	1100		55.2	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		54.7	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	1300		59	90.2	120	ug/Kg
1912-24-9	Atrazine	1500		63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMS	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF141093.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	1200		58.3	90.2	120	ug/Kg
120-12-7	Anthracene	1300		58.6	90.2	120	ug/Kg
86-74-8	Carbazole	1100		55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	1100		56.7	90.2	120	ug/Kg
92-87-5	Benzidine	910		110	190	230	ug/Kg
129-00-0	Pyrene	1000		57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.2	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	720		68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56	90.2	120	ug/Kg
218-01-9	Chrysene	1200		55.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		63.1	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		56.3	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		64.5	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		56.3	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		55.6	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.2	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	990		76.3	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.8	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.924		18-112		56	SPK: -150
13127-88-3	Phenol-d6	83.728		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	73.331		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	59.904		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMS	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
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
BF141093.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.168		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	47.612		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199639	6.828				
1146-65-2	Naphthalene-d8	765882	8.11				
15067-26-2	Acenaphthene-d10	380235	9.863				
1517-22-2	Phenanthrene-d10	536144	11.345				
1719-03-5	Chrysene-d12	412926	13.992				
1520-96-3	Perylene-d12	359191	15.457				

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMSD	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141094.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.2	190	230	ug/Kg
110-86-1	Pyridine	1100		55.4	90.2	120	ug/Kg
100-52-7	Benzaldehyde	150	J	130	190	230	ug/Kg
62-53-3	Aniline	490		67.2	90.2	120	ug/Kg
108-95-2	Phenol	1200		57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	1200		57.9	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.6	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	1200		55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63	90.2	120	ug/Kg
98-86-2	Acetophenone	1100		60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.9	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	1200		57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	1300		63	90.2	120	ug/Kg
78-59-1	Isophorone	1200		58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	1500		65.5	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.6	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59.5	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.2	90.2	120	ug/Kg
65-85-0	Benzoic acid	1300		160	190	230	ug/Kg
91-20-3	Naphthalene	1200		57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	190		57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMSD	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141094.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53.7	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		57.2	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		49.5	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		51.3	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		60.6	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	1400		65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	1300		56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	1300		60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		57.7	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	770		61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	1300		56.2	90.2	120	ug/Kg
Total PAH	Total PAH	20100		919	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	80.4	190	230	ug/Kg
132-64-9	Dibenzofuran	1200		58.5	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		117.5	90.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		59.8	90.2	120	ug/Kg
84-66-2	Diethylphthalate	1200		55.5	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		59.4	90.2	120	ug/Kg
86-73-7	Fluorene	1100		59.3	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	1100		74.2	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		81.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	1200		55.2	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		54.7	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	1400		58.9	90.2	120	ug/Kg
1912-24-9	Atrazine	1600		63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMSD	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141094.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600	E	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	1300		58.3	90.2	120	ug/Kg
120-12-7	Anthracene	1400		58.5	90.2	120	ug/Kg
86-74-8	Carbazole	1200		55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	1300		56.7	90.2	120	ug/Kg
92-87-5	Benzidine	1300		110	190	230	ug/Kg
129-00-0	Pyrene	1200		57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		67.1	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		56	90.2	120	ug/Kg
218-01-9	Chrysene	1300		55.1	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		63.1	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		76.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		56.2	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		64.5	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		56.3	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55.5	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		60.2	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	1100		76.3	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		51.8	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.276		18-112		60	SPK: -150
13127-88-3	Phenol-d6	90.019		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	78.939		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	65.2		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	GREENBROOK-COMPMSD	SDG No.:	BF010825
Lab Sample ID:	Q1025-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141094.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.44		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	55.724		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186378	6.828				
1146-65-2	Naphthalene-d8	714309	8.11				
15067-26-2	Acenaphthene-d10	357342	9.863				
1517-22-2	Phenanthrene-d10	519785	11.345				
1719-03-5	Chrysene-d12	392943	13.992				
1520-96-3	Perylene-d12	319792	15.451				

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-02-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141095.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.5	U	55.5	170	210	ug/Kg
110-86-1	Pyridine	51.1	U	51.1	83.1	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62	U	62	83.1	110	ug/Kg
108-95-2	Phenol	53	U	53	83.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.5	U	53.5	83.1	110	ug/Kg
95-57-8	2-Chlorophenol	53.4	U	53.4	83.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.1	U	54.1	83.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55	U	55	83.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.3	U	55.3	83.1	110	ug/Kg
100-51-6	Benzyl Alcohol	53.1	U	53.1	170	210	ug/Kg
95-48-7	2-Methylphenol	51.5	U	51.5	83.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.1	U	58.1	83.1	110	ug/Kg
98-86-2	Acetophenone	55.6	U	55.6	83.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	51	U	51	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.8	U	25.8	51.1	51.1	ug/Kg
67-72-1	Hexachloroethane	53.1	U	53.1	83.1	110	ug/Kg
98-95-3	Nitrobenzene	58.1	U	58.1	83.1	110	ug/Kg
78-59-1	Isophorone	54.1	U	54.1	83.1	110	ug/Kg
88-75-5	2-Nitrophenol	60.4	U	60.4	83.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.6	U	59.6	83.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.9	U	54.9	83.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.3	U	48.3	83.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.6	U	54.6	83.1	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.8	U	52.8	83.1	110	ug/Kg
106-47-8	4-Chloroaniline	52.8	U	52.8	83.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.3	U	53.3	83.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-02-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141095.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.5	U	55.5	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	71.5	J	52.7	83.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.7	U	99.7	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.3	U	47.3	83.1	110	ug/Kg
92-52-4	1,1-Biphenyl	55.9	U	55.9	83.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.3	U	53.3	83.1	110	ug/Kg
88-74-4	2-Nitroaniline	60.7	U	60.7	83.1	110	ug/Kg
131-11-3	Dimethylphthalate	52.2	U	52.2	83.1	110	ug/Kg
208-96-8	Acenaphthylene	55.3	U	55.3	83.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.2	U	53.2	83.1	110	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	83.1	110	ug/Kg
83-32-9	Acenaphthene	51.8	U	51.8	83.1	110	ug/Kg
Total PAH	Total PAH	847.1	U	847.1	83.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.2	U	74.2	170	210	ug/Kg
132-64-9	Dibenzofuran	54	U	54	83.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.3	U	108.3	83.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	83.1	110	ug/Kg
84-66-2	Diethylphthalate	51.2	U	51.2	83.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.7	U	54.7	83.1	110	ug/Kg
86-73-7	Fluorene	54.7	U	54.7	83.1	110	ug/Kg
100-01-6	4-Nitroaniline	68.4	U	68.4	83.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.8	U	74.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.2	U	52.2	83.1	110	ug/Kg
103-33-3	Azobenzene	50.9	U	50.9	83.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.4	U	50.4	83.1	110	ug/Kg
118-74-1	Hexachlorobenzene	54.3	U	54.3	83.1	110	ug/Kg
1912-24-9	Atrazine	58.4	U	58.4	83.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-02-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141095.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.4	U	49.4	170	210	ug/Kg
85-01-8	Phenanthrene	91.1	J	53.7	83.1	110	ug/Kg
120-12-7	Anthracene	54	U	54	83.1	110	ug/Kg
86-74-8	Carbazole	51.3	U	51.3	83.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.9	U	53.9	83.1	110	ug/Kg
206-44-0	Fluoranthene	130		52.2	83.1	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	100	J	53.1	83.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.9	U	61.9	83.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	57.3	J	51.6	83.1	110	ug/Kg
218-01-9	Chrysene	60.6	J	50.8	83.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	58.2	83.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.3	U	70.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	67.1	J	51.8	83.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.8	U	52.8	83.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.5	U	59.5	83.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.9	U	49.9	83.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.9	U	51.9	83.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.2	U	51.2	83.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.5	U	55.5	83.1	110	ug/Kg
123-91-1	1,4-Dioxane	70.3	U	70.3	83.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.8	U	47.8	83.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.2	U	53.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.012		18-112		47	SPK: -150
13127-88-3	Phenol-d6	66.648		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	61.346		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	54.951		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-02-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141095.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.79		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	47.759		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182107	6.828				
1146-65-2	Naphthalene-d8	660365	8.11				
15067-26-2	Acenaphthene-d10	301329	9.863				
1517-22-2	Phenanthrene-d10	446858	11.345				
1719-03-5	Chrysene-d12	369101	13.986				
1520-96-3	Perylene-d12	287843	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000124-18-5	Decane	210	J			6.663	
001074-17-5	Benzene, 1-methyl-2-propyl-	250	J			7.104	
000141-93-5	Benzene, 1,3-diethyl-	240	J			7.145	
001074-55-1	Benzene, 1-methyl-4-propyl-	210	J			7.222	
000629-50-5	Tridecane	210	J			8.704	
000629-59-4	Tetradecane	900	J			9.269	
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,	250	J			9.333	
000575-43-9	Naphthalene, 1,6-dimethyl-	380	J			9.522	
1000342-70-4	1-Octadecanesulphonyl chloride	410	J			9.586	
	unknown9.645	200	J			9.645	
000629-62-9	Pentadecane	830	J			9.798	
000544-76-3	Hexadecane	910	J			10.298	
055045-11-9	Tridecane, 5-propyl-	460	J			10.516	
000629-92-5	Nonadecane	1400	J			10.775	
000593-49-7	Heptacosane	1000	J			11.222	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	360	J			11.251	
000593-45-3	Octadecane	790	J			11.645	
000112-95-8	Eicosane	630	J			12.051	
000629-78-7	Heptadecane	500	J			12.439	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-02-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141095.D	1	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
055045-08-4	Dodecane, 2-methyl-6-propyl-	220	J			13.168	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-01-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141096.D	2	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.1	U	52.1	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.6	U	97.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-01-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141096.D	2	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	530		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.3	U	92.3	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.7	U	95.7	170	220	ug/Kg
92-52-4	1,1-Biphenyl	180	J	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-01-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141096.D	2	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.9	U	99.9	350	430	ug/Kg
85-01-8	Phenanthrene	170	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	130	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	150	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.6	U	96.6	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	330		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.612		18-112		47	SPK: -150
13127-88-3	Phenol-d6	64.162		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	71.24		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	54.566		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-01-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141096.D	2	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.588		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	49.49		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181930	6.828				
1146-65-2	Naphthalene-d8	558097	8.11				
15067-26-2	Acenaphthene-d10	256011	9.869				
1517-22-2	Phenanthrene-d10	411258	11.351				
1719-03-5	Chrysene-d12	334505	13.986				
1520-96-3	Perylene-d12	272910	15.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000124-18-5	Decane	1200	J			6.663	
001074-43-7	Benzene, 1-methyl-3-propyl-	1000	J			7.104	
001074-55-1	Benzene, 1-methyl-4-propyl-	800	J			7.222	
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,	880	J			9.339	
000571-58-4	Naphthalene, 1,4-dimethyl-	1300	J			9.527	
1000342-70-4	1-Octadecanesulphonyl chloride	1400	J			9.592	
000629-59-4	Tetradecane	2400	J			9.804	
	unknown10.039	880	J			10.039	
000544-76-3	Hexadecane	2900	J			10.304	
003054-63-5	Dodecane, 4,9-dipropyl-	1500	J			10.522	
000629-50-5	Tridecane	9700	J			10.78	
062016-79-9	Heptacosane, 1-chloro-	1000	J			10.969	
013287-23-5	Heptadecane, 8-methyl-	6600	J			11.227	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	3000	J			11.257	
000629-62-9	Pentadecane	5900	J			11.657	
000112-95-8	Eicosane	5500	J			12.063	
000629-92-5	Nonadecane	4200	J			12.445	
000638-67-5	Tricosane	2100	J			13.174	
000629-94-7	Heneicosane	1300	J			13.515	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	HR-01-01072025	SDG No.:	BF010825
Lab Sample ID:	Q1029-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141096.D	2	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
013187-99-0	2-Bromo dodecane	1000	J			13.845	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	OR-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1028-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141097.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	540	ug/Kg
108-95-2	Phenol	260	U	260	420	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	420	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	540	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	860	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	540	ug/Kg
98-86-2	Acetophenone	280	U	280	420	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	540	ug/Kg
78-59-1	Isophorone	270	U	270	420	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	420	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	860	1100	ug/Kg
91-20-3	Naphthalene	350	J	260	420	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	540	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	OR-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1028-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141097.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	540	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	420	540	ug/Kg
83-32-9	Acenaphthene	510	J	260	420	540	ug/Kg
Total PAH	Total PAH	18680		4240	420	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	860	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1100	ug/Kg
132-64-9	Dibenzofuran	410	J	270	420	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650	U	550	420	1080	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	540	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	540	ug/Kg
86-73-7	Fluorene	690		270	420	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	540	ug/Kg
103-33-3	Azobenzene	250	U	250	420	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	540	ug/Kg
1912-24-9	Atrazine	290	U	290	420	540	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	OR-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1028-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141097.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1100	ug/Kg
85-01-8	Phenanthrene	3200		270	420	540	ug/Kg
120-12-7	Anthracene	1100		270	420	540	ug/Kg
86-74-8	Carbazole	290	J	260	420	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	540	ug/Kg
206-44-0	Fluoranthene	3500		260	420	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1100	ug/Kg
129-00-0	Pyrene	2800		270	420	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1300		260	420	540	ug/Kg
218-01-9	Chrysene	1000		250	420	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		260	420	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		260	420	540	ug/Kg
50-32-8	Benzo(a)pyrene	1200		300	420	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		250	420	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		260	420	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	54.37		18-112		36	SPK: -150
13127-88-3	Phenol-d6	47.695		15-107		32	SPK: -150
4165-60-0	Nitrobenzene-d5	42.245		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	43.49		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	OR-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1028-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141097.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.775		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	44.16		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163895	6.828				
1146-65-2	Naphthalene-d8	571396	8.11				
15067-26-2	Acenaphthene-d10	257113	9.863				
1517-22-2	Phenanthrene-d10	439906	11.345				
1719-03-5	Chrysene-d12	306910	13.986				
1520-96-3	Perylene-d12	255192	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-59-4	Tetradecane	280	J			9.263	
000581-42-0	Naphthalene, 2,6-dimethyl-	220	J			9.445	
000571-61-9	Naphthalene, 1,5-dimethyl-	250	J			9.522	
000544-76-3	Hexadecane	250	J			10.292	
013187-99-0	2-Bromo dodecane	310	J			10.775	
000629-50-5	Tridecane	220	J			11.216	
000132-65-0	Dibenzothiophene	310	J			11.245	
000112-39-0	Hexadecanoic acid, methyl ester	1100	J			11.745	
000613-12-7	Anthracene, 2-methyl-	370	J			11.851	
002531-84-2	Phenanthrene, 2-methyl-	470	J			11.874	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			11.963	
000612-94-2	Naphthalene, 2-phenyl-	320	J			12.145	
003674-66-6	Phenanthrene, 2,5-dimethyl-	260	J			12.398	
056554-62-2	10,13-Octadecadienoic acid, methyl	2200	J			12.433	
000243-17-4	11H-Benzo[b]fluorene	370	J			13.116	
000238-84-6	11H-Benzo[a]fluorene	340	J			13.186	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	EO-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	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
BF141098.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	880	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	880	1100	ug/Kg
62-53-3	Aniline	320	U	320	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	880	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	880	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	300	U	300	420	550	ug/Kg
78-59-1	Isophorone	280	U	280	420	550	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	420	550	ug/Kg
65-85-0	Benzoic acid	770	U	770	880	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	EO-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	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
BF141098.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	880	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	880	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	5640	U	4290	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	790	U	790	880	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	880	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	280	U	280	420	550	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	880	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	420	550	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	420	550	ug/Kg
1912-24-9	Atrazine	300	U	300	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	EO-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	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
BF141098.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	880	1100	ug/Kg
85-01-8	Phenanthrene	1200		270	420	550	ug/Kg
120-12-7	Anthracene	320	J	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	1100		270	420	550	ug/Kg
92-87-5	Benzidine	530	U	530	880	1100	ug/Kg
129-00-0	Pyrene	920		270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	880	1100	ug/Kg
56-55-3	Benzo(a)anthracene	480	J	260	420	550	ug/Kg
218-01-9	Chrysene	380	J	260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	880	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	J	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	470	J	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	J	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.2		18-112		49	SPK: -150
13127-88-3	Phenol-d6	67.79		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	60.38		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	57.265		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	EO-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	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
BF141098.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.195		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	59.62		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159018	6.828				
1146-65-2	Naphthalene-d8	536440	8.11				
15067-26-2	Acenaphthene-d10	247279	9.863				
1517-22-2	Phenanthrene-d10	431853	11.345				
1719-03-5	Chrysene-d12	285069	13.986				
1520-96-3	Perylene-d12	244593	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	770	J			8.698	
000629-59-4	Tetradecane	1600	J			9.263	
017312-62-8	Decane, 5-propyl-	810	J			9.586	
000629-62-9	Pentadecane	1200	J			9.792	
000629-78-7	Heptadecane	1100	J			10.292	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	550	J			10.516	
000629-92-5	Nonadecane	1500	J			10.769	
000124-10-7	Methyl tetradecanoate	770	J			10.874	
000593-49-7	Heptacosane	950	J			11.216	
001120-25-8	9-Hexadecenoic acid, methyl ester,	2800	J			11.669	
000112-39-0	Hexadecanoic acid, methyl ester	20800	J			11.751	
000057-10-3	n-Hexadecanoic acid	2500	J			11.88	
000112-95-8	Eicosane	1100	J			12.057	
002462-85-3	9,12-Octadecadienoic acid, methyl	45400	J			12.451	
000057-11-4	Octadecanoic acid	1800	J			12.669	
1000336-42-6	Methyl 9.cis.,11.trans.t,13.trans.	800	J			13.127	
003946-08-5	11-Eicosenoic acid, methyl ester	1800	J			13.186	
001120-28-1	Eicosanoic acid, methyl ester	870	J			13.269	
	unknown13.327	830	J			13.327	

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	EO-03-010725	SDG No.:	BF010825
Lab Sample ID:	Q1027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
Sample Wt/Vol:	50.06	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
BF141098.D	5	1/8/2025 12:00:00 AM	1/8/2025 12:00:00 AM	PB165977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
027421-70-1	3-(Dimethylamino)propyl isothiocy	5000	J			14.892	

Hit Summary Sheet SW-846

SDG No.: BF010825

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : HT2651								
Q1023-01	HT2651	water	Benzoic acid	89.700	J	54.7	100	ug/L
			Total Svoc :			89.70		
			Total Concentration:			89.70		
Client ID : GREENBROOK-COMP								
Q1025-01	GREENBROOK-COMP	Solid	4-Bromothiophene-2-aldehyde	*	48.600	J		
Q1025-01	GREENBROOK-COMP	Solid	5-Eicosene, (E)-	*	70.300	J		
Q1025-01	GREENBROOK-COMP	Solid	Benzophenone	*	170.000	J		
Q1025-01	GREENBROOK-COMP	Solid	Heneicosane	*	98.100	J		
Q1025-01	GREENBROOK-COMP	Solid	n-Hexadecanoic acid	*	180.000	J		
Q1025-01	GREENBROOK-COMP	Solid	Octadecanoic acid	*	49.000	J		
Q1025-01	GREENBROOK-COMP	Solid	Tetracosane	*	120.000	J		
			Total Tics :			736.00		
Q1025-01	GREENBROOK-COMP	Solid	Benzo(a)anthracene		74.600	J	56	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Benzo(a)pyrene		79.400	J	64.5	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Benzo(b)fluoranthene		75.000	J	56.3	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Chrysene		71.000	J	55.2	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Fluoranthene		110.000	J	56.7	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Phenanthrene		60.100	J	58.3	ug/Kg
Q1025-01	GREENBROOK-COMP	Solid	Pyrene		120.000		57.6	ug/Kg
			Total Svoc :			590.10		
			Total Concentration:			1,326.10		
Client ID : EO-03-010725								
Q1027-01	EO-03-010725	Solid	11-Eicosenoic acid, methyl ester	*	1,800.000	J		
Q1027-01	EO-03-010725	Solid	3-(Dimethylamino)propyl isothioc	*	5,000.000	J		
Q1027-01	EO-03-010725	Solid	9,12-Octadecadienoic acid, methy	*	45,400.000	J		
Q1027-01	EO-03-010725	Solid	9-Hexadecenoic acid, methyl ester	*	2,800.000	J		
Q1027-01	EO-03-010725	Solid	Decane, 5-propyl-	*	810.000	J		
Q1027-01	EO-03-010725	Solid	Eicosane	*	1,100.000	J		
Q1027-01	EO-03-010725	Solid	Eicosanoic acid, methyl ester	*	870.000	J		
Q1027-01	EO-03-010725	Solid	Heptacosane	*	950.000	J		
Q1027-01	EO-03-010725	Solid	Heptadecane	*	1,100.000	J		
Q1027-01	EO-03-010725	Solid	Hexadecanoic acid, methyl ester	*	20,800.000	J		
Q1027-01	EO-03-010725	Solid	Methyl 9.cis.,11.trans.t,13.trans.	*	800.000	J		
Q1027-01	EO-03-010725	Solid	Methyl tetradecanoate	*	770.000	J		
Q1027-01	EO-03-010725	Solid	n-Hexadecanoic acid	*	2,500.000	J		
Q1027-01	EO-03-010725	Solid	Nonadecane	*	1,500.000	J		

Hit Summary Sheet SW-846

SDG No.: BF010825

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1027-01	EO-03-010725	Solid	Octadecanoic acid	*	1,800.000	J		
Q1027-01	EO-03-010725	Solid	Pentadecane	*	1,200.000	J		
Q1027-01	EO-03-010725	Solid	Pentadecane, 2,6,10-trimethyl-	*	550.000	J		
Q1027-01	EO-03-010725	Solid	Tetradecane	*	1,600.000	J		
Q1027-01	EO-03-010725	Solid	Tridecane	*	770.000	J		
Q1027-01	EO-03-010725	Solid	unknown13.327	*	830.000	J		
Total Tics :					92,950.00			
Q1027-01	EO-03-010725	Solid	Anthracene		320.000	J 270	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Benzo(a)anthracene		480.000	J 260	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Benzo(a)pyrene		470.000	J 300	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Benzo(b)fluoranthene		490.000	J 260	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Benzo(g,h,i)perylene		280.000	J 260	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Chrysene		380.000	J 260	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Fluoranthene		1,100.000	270	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Phenanthrene		1,200.000	270	550	ug/Kg
Q1027-01	EO-03-010725	Solid	Pyrene		920.000	270	550	ug/Kg
Total Svoc :					5,640.00			
Total Concentration:					98,590.00			
Client ID : OR-03-010725								
Q1028-01	OR-03-010725	Solid	10,13-Octadecadienoic acid, meth	*	2,200.000	J		
Q1028-01	OR-03-010725	Solid	11H-Benzo[a]fluorene	*	340.000	J		
Q1028-01	OR-03-010725	Solid	11H-Benzo[b]fluorene	*	370.000	J		
Q1028-01	OR-03-010725	Solid	2-Bromo dodecane	*	310.000	J		
Q1028-01	OR-03-010725	Solid	4H-Cyclopenta[def]phenanthrene	*	1,000.000	J		
Q1028-01	OR-03-010725	Solid	Anthracene, 2-methyl-	*	370.000	J		
Q1028-01	OR-03-010725	Solid	Dibenzothiophene	*	310.000	J		
Q1028-01	OR-03-010725	Solid	Hexadecane	*	250.000	J		
Q1028-01	OR-03-010725	Solid	Hexadecanoic acid, methyl ester	*	1,100.000	J		
Q1028-01	OR-03-010725	Solid	Naphthalene, 1,5-dimethyl-	*	250.000	J		
Q1028-01	OR-03-010725	Solid	Naphthalene, 2,6-dimethyl-	*	220.000	J		
Q1028-01	OR-03-010725	Solid	Naphthalene, 2-phenyl-	*	320.000	J		
Q1028-01	OR-03-010725	Solid	Phenanthrene, 2,5-dimethyl-	*	260.000	J		
Q1028-01	OR-03-010725	Solid	Phenanthrene, 2-methyl-	*	470.000	J		
Q1028-01	OR-03-010725	Solid	Tetradecane	*	280.000	J		
Q1028-01	OR-03-010725	Solid	Tridecane	*	220.000	J		
Total Tics :					8,270.00			
Q1028-01	OR-03-010725	Solid	Acenaphthene		510.000	J 260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Anthracene		1,100.000	270	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Benzo(a)anthracene		1,300.000	260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Benzo(a)pyrene		1,200.000	300	540	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF010825

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1028-01	OR-03-010725	Solid	Benzo(b)fluoranthene	1,200.000		260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Benzo(g,h,i)perylene	650.000		260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Benzo(k)fluoranthene	610.000		260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Carbazole	290.000	J	260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Chrysene	1,000.000		250	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Dibenzofuran	410.000	J	270	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Fluoranthene	3,500.000		260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Fluorene	690.000		270	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Indeno(1,2,3-cd)pyrene	570.000		250	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Naphthalene	350.000	J	260	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Phenanthrene	3,200.000		270	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Pyrene	2,800.000		270	540	ug/Kg
Q1028-01	OR-03-010725	Solid	Total PAH	18,680.000		4240	8640	ug/Kg

Total Svoc : **38,060.00**

Total Concentration: **46,330.00**

Client ID : **HR-02-01072025**

Q1029-01	HR-02-01072025	Solid	1-Octadecanesulphonyl chloride	*	410.000	J		
Q1029-01	HR-02-01072025	Solid	Benzene, 1,3-diethyl-	*	240.000	J		
Q1029-01	HR-02-01072025	Solid	Benzene, 1-methyl-2-propyl-	*	250.000	J		
Q1029-01	HR-02-01072025	Solid	Benzene, 1-methyl-4-propyl-	*	210.000	J		
Q1029-01	HR-02-01072025	Solid	Decane	*	210.000	J		
Q1029-01	HR-02-01072025	Solid	Dodecane, 2-methyl-6-propyl-	*	220.000	J		
Q1029-01	HR-02-01072025	Solid	Eicosane	*	630.000	J		
Q1029-01	HR-02-01072025	Solid	Heptacosane	*	1,000.000	J		
Q1029-01	HR-02-01072025	Solid	Heptadecane	*	500.000	J		
Q1029-01	HR-02-01072025	Solid	Hexadecane	*	910.000	J		
Q1029-01	HR-02-01072025	Solid	Hexadecane, 2,6,10,14-tetramethyl-	*	360.000	J		
Q1029-01	HR-02-01072025	Solid	Naphthalene, 1,2,3,4-tetrahydro-5-	*	250.000	J		
Q1029-01	HR-02-01072025	Solid	Naphthalene, 1,6-dimethyl-	*	380.000	J		
Q1029-01	HR-02-01072025	Solid	Nonadecane	*	1,400.000	J		
Q1029-01	HR-02-01072025	Solid	Octadecane	*	790.000	J		
Q1029-01	HR-02-01072025	Solid	Pentadecane	*	830.000	J		
Q1029-01	HR-02-01072025	Solid	Tetradecane	*	900.000	J		
Q1029-01	HR-02-01072025	Solid	Tridecane	*	210.000	J		
Q1029-01	HR-02-01072025	Solid	Tridecane, 5-propyl-	*	460.000	J		
Q1029-01	HR-02-01072025	Solid	unknown9.645	*	200.000	J		

Total Tics : **10,360.00**

Q1029-01	HR-02-01072025	Solid	2-Methylnaphthalene		71.500	J	52.7	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Benzo(a)anthracene		57.300	J	51.6	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Benzo(b)fluoranthene		67.100	J	51.8	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF010825

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1029-01	HR-02-01072025	Solid	Bis(2-ethylhexyl)phthalate	100.000	J	58.2	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Chrysene	60.600	J	50.8	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Fluoranthene	130.000		52.2	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Phenanthrene	91.100	J	53.7	110	ug/Kg
Q1029-01	HR-02-01072025	Solid	Pyrene	100.000	J	53.1	110	ug/Kg
Total Svoc :				677.60				
Total Concentration:				11,037.60				

Client ID : HR-01-01072025

Q1029-03	HR-01-01072025	Solid	1-Octadecanesulphonyl chloride	*	1,400.000	J		
Q1029-03	HR-01-01072025	Solid	2-Bromo dodecane	*	1,000.000	J		
Q1029-03	HR-01-01072025	Solid	Benzene, 1-methyl-3-propyl-	*	1,000.000	J		
Q1029-03	HR-01-01072025	Solid	Benzene, 1-methyl-4-propyl-	*	800.000	J		
Q1029-03	HR-01-01072025	Solid	Decane	*	1,200.000	J		
Q1029-03	HR-01-01072025	Solid	Dodecane, 4,9-dipropyl-	*	1,500.000	J		
Q1029-03	HR-01-01072025	Solid	Eicosane	*	5,500.000	J		
Q1029-03	HR-01-01072025	Solid	Heneicosane	*	1,300.000	J		
Q1029-03	HR-01-01072025	Solid	Heptacosane, 1-chloro-	*	1,000.000	J		
Q1029-03	HR-01-01072025	Solid	Heptadecane, 8-methyl-	*	6,600.000	J		
Q1029-03	HR-01-01072025	Solid	Hexadecane	*	2,900.000	J		
Q1029-03	HR-01-01072025	Solid	Hexadecane, 2,6,10,14-tetramethy	*	3,000.000	J		
Q1029-03	HR-01-01072025	Solid	Naphthalene, 1,2,3,4-tetrahydro-5.	*	880.000	J		
Q1029-03	HR-01-01072025	Solid	Naphthalene, 1,4-dimethyl-	*	1,300.000	J		
Q1029-03	HR-01-01072025	Solid	Nonadecane	*	4,200.000	J		
Q1029-03	HR-01-01072025	Solid	Pentadecane	*	5,900.000	J		
Q1029-03	HR-01-01072025	Solid	Tetradecane	*	2,400.000	J		
Q1029-03	HR-01-01072025	Solid	Tricosane	*	2,100.000	J		
Q1029-03	HR-01-01072025	Solid	Tridecane	*	9,700.000	J		
Q1029-03	HR-01-01072025	Solid	unknown10.039	*	880.000	J		
Total Tics :				54,560.00				
Q1029-03	HR-01-01072025	Solid	1,1-Biphenyl		180.000	J	110	ug/Kg
Q1029-03	HR-01-01072025	Solid	1-Methylnaphthalene		330.000		110	ug/Kg
Q1029-03	HR-01-01072025	Solid	2-Methylnaphthalene		530.000		110	ug/Kg
Q1029-03	HR-01-01072025	Solid	Fluoranthene		130.000	J	110	ug/Kg
Q1029-03	HR-01-01072025	Solid	Phenanthrene		170.000	J	110	ug/Kg
Q1029-03	HR-01-01072025	Solid	Pyrene		150.000	J	110	ug/Kg
Total Svoc :				1,490.00				
Total Concentration:				56,050.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF140974.D Time Analyzed: 13:31

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	264114	6.828	1.04702e+01	8.11	555398	9.86
	UPPER LIMIT	528228	7.328	2094040	8.61	1110796	10.363
	LOWER LIMIT	132057	6.328	523510	7.61	277699	9.363
	EPA SAMPLE NO.						
01	PB165980BL	266985	6.83	1.08339e	8.11	593362	9.86
02	PB165973TB	258508	6.83	1.03814e	8.11	573181	9.86
03	PB165980BS	248006	6.83	999479	8.11	543557	9.86
04	HT2651	196666	6.83	762012	8.11	411604	9.86
05	HT2651MS	199992	6.83	780303	8.11	407725	9.86
06	HT2651MSD	197081	6.83	775659	8.11	401315	9.86
07	T1	198652	6.83	779432	8.11	406175	9.86
08	T2	190685	6.83	748194	8.11	399273	9.86
09	SF-6-A	195582	6.83	772688	8.11	411863	9.86
10	SF-6-B	193259	6.83	765069	8.11	402518	9.86
11	COMP-1	186021	6.83	740329	8.10	393858	9.86
12	COMP-2	213673	6.83	845325	8.10	447125	9.86
13	GREENBROOK-COMP	174931	6.83	682944	8.11	351731	9.86
14	GREENBROOK-COMPMS	199639	6.83	765882	8.11	380235	9.86
15	GREENBROOK-COMPMSD	186378	6.83	714309	8.11	357342	9.86
16	HR-02-01072025	182107	6.83	660365	8.11	301329	9.86
17	HR-01-01072025	181930	6.83	558097	8.11	256011 *	9.87
18	OR-03-010725	163895	6.83	571396	8.11	257113 *	9.86
19	EO-03-010725	159018	6.83	536440	8.11	247279 *	9.86

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF140974.D Time Analyzed: 21:34

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	264114	6.828	1.04702e+01	8.11	555398	9.86
UPPER LIMIT	528228	7.328	2094040	8.61	1110796	10.363
LOWER LIMIT	132057	6.328	523510	7.61	277699	9.363
EPA SAMPLE NO.						

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.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF141079.D Time Analyzed: 13:31

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	229689	6.834	890442	8.12	476495	9.86
	UPPER LIMIT	459378	7.334	1780884	8.616	952990	10.363
	LOWER LIMIT	114844.5	6.334	445221	7.616	238247.5	9.363
	EPA SAMPLE NO.						
01	PB165980BL	266985	6.83	1.08339e	8.11	593362	9.86
02	PB165973TB	258508	6.83	1.03814e	8.11	573181	9.86
03	PB165980BS	248006	6.83	999479	8.11	543557	9.86
04	HT2651	196666	6.83	762012	8.11	411604	9.86
05	HT2651MS	199992	6.83	780303	8.11	407725	9.86
06	HT2651MSD	197081	6.83	775659	8.11	401315	9.86
07	T1	198652	6.83	779432	8.11	406175	9.86
08	T2	190685	6.83	748194	8.11	399273	9.86
09	SF-6-A	195582	6.83	772688	8.11	411863	9.86
10	SF-6-B	193259	6.83	765069	8.11	402518	9.86
11	COMP-1	186021	6.83	740329	8.10	393858	9.86
12	COMP-2	213673	6.83	845325	8.10	447125	9.86
13	GREENBROOK-COMP	174931	6.83	682944	8.11	351731	9.86
14	GREENBROOK-COMPMS	199639	6.83	765882	8.11	380235	9.86
15	GREENBROOK-COMPMSD	186378	6.83	714309	8.11	357342	9.86
16	HR-02-01072025	182107	6.83	660365	8.11	301329	9.86
17	HR-01-01072025	181930	6.83	558097	8.11	256011	9.87
18	OR-03-010725	163895	6.83	571396	8.11	257113	9.86
19	EO-03-010725	159018	6.83	536440	8.11	247279	9.86

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF141079.D Time Analyzed: 21:34

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	229689	6.834	890442	8.12	476495	9.86
UPPER LIMIT	459378	7.334	1780884	8.616	952990	10.363
LOWER LIMIT	114844.5	6.334	445221	7.616	238247.5	9.363
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF140974.D Time Analyzed: 13:31

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	980435	11.345	652144	13.986	531798	15.445
	UPPER LIMIT	1960870	11.845	1304288	14.486	1063596	15.945
	LOWER LIMIT	490217.5	10.845	326072	13.486	265899	14.945
	EPA SAMPLE NO.						
01	PB165980BL	1.04288	11.35	870332	14.00	685518	15.49
02	PB165973TB	970542	11.35	735136	13.99	579900	15.47
03	PB165980BS	896658	11.35	491752	13.99	504311	15.46
04	HT2651	675105	11.35	409501	13.99	428622	15.46
05	HT2651MS	673555	11.35	387687	14.00	449873	15.47
06	HT2651MSD	669996	11.35	386475	13.99	454821	15.45
07	T1	654093	11.35	407347	13.99	424285	15.46
08	T2	662834	11.35	391083	13.99	415878	15.46
09	SF-6-A	688416	11.35	410587	13.99	435140	15.46
10	SF-6-B	681923	11.35	414793	13.99	434001	15.45
11	COMP-1	657641	11.35	401009	13.98	429791	15.45
12	COMP-2	742124	11.35	458722	13.98	486448	15.45
13	GREENBROOK-COMP	526160	11.35	385549	13.99	366102	15.46
14	GREENBROOK-COMPMS	536144	11.35	412926	13.99	359191	15.46
15	GREENBROOK-COMPMSD	519785	11.35	392943	13.99	319792	15.45
16	HR-02-01072025	446858 *	11.35	369101	13.99	287843	15.46
17	HR-01-01072025	411258 *	11.35	334505	13.99	272910	15.45
18	OR-03-010725	439906 *	11.35	306910 *	13.99	255192 *	15.46
19	EO-03-010725	431853 *	11.35	285069 *	13.99	244593 *	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF140974.D Time Analyzed: 21:34

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	980435	11.345	652144	13.986	531798	15.445
UPPER LIMIT	1960870	11.845	1304288	14.486	1063596	15.945
LOWER LIMIT	490217.5	10.845	326072	13.486	265899	14.945
EPA SAMPLE NO.						

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.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF141079.D Time Analyzed: 13:31

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	788190	11.351	453606	13.998	453696	15.492
	UPPER LIMIT	1576380	11.851	907212	14.498	907392	15.992
	LOWER LIMIT	394095	10.851	226803	13.498	226848	14.992
	EPA SAMPLE NO.						
01	PB165980BL	1.04288	11.35	870332	14.00	685518	15.49
02	PB165973TB	970542	11.35	735136	13.99	579900	15.47
03	PB165980BS	896658	11.35	491752	13.99	504311	15.46
04	HT2651	675105	11.35	409501	13.99	428622	15.46
05	HT2651MS	673555	11.35	387687	14.00	449873	15.47
06	HT2651MSD	669996	11.35	386475	13.99	454821	15.45
07	T1	654093	11.35	407347	13.99	424285	15.46
08	T2	662834	11.35	391083	13.99	415878	15.46
09	SF-6-A	688416	11.35	410587	13.99	435140	15.46
10	SF-6-B	681923	11.35	414793	13.99	434001	15.45
11	COMP-1	657641	11.35	401009	13.98	429791	15.45
12	COMP-2	742124	11.35	458722	13.98	486448	15.45
13	GREENBROOK-COMP	526160	11.35	385549	13.99	366102	15.46
14	GREENBROOK-COMPMS	536144	11.35	412926	13.99	359191	15.46
15	GREENBROOK-COMPMSD	519785	11.35	392943	13.99	319792	15.45
16	HR-02-01072025	446858	11.35	369101	13.99	287843	15.46
17	HR-01-01072025	411258	11.35	334505	13.99	272910	15.45
18	OR-03-010725	439906	11.35	306910	13.99	255192	15.46
19	EO-03-010725	431853	11.35	285069	13.99	244593	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF010825 SAS No.: BF010825 SDG NO.: BF010825

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 8 2025 12:00AM

Lab File ID: BF141079.D Time Analyzed: 21:34

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	788190	11.351	453606	13.998	453696	15.492
UPPER LIMIT	1576380	11.851	907212	14.498	907392	15.992
LOWER LIMIT	394095	10.851	226803	13.498	226848	14.992
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF010825**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165980BS	n-Nitrosodimethylamine	50	38.4	ug/L	77				55	108	
	Pyridine	50	36.8	ug/L	74				29	97	
	Benzaldehyde	50	0	ug/L	0		*		10	162	
	Aniline	50	36.3	ug/L	73				10	130	
	Phenol	50	41.2	ug/L	82				66	118	
	bis(2-Chloroethyl)ether	50	38.9	ug/L	78				62	103	
	2-Chlorophenol	50	42.7	ug/L	85				70	117	
	1,2-Dichlorobenzene	50	40.8	ug/L	82				72	102	
	1,3-Dichlorobenzene	50	39.3	ug/L	79				71	103	
	1,4-Dichlorobenzene	50	39.5	ug/L	79				76	103	
	Benzyl Alcohol	50	41.7	ug/L	83				36	93	
	2-Methylphenol	50	41.5	ug/L	83				69	109	
	2,2-oxybis(1-Chloropropane)	50	38.9	ug/L	78				65	100	
	Acetophenone	50	38.5	ug/L	77				60	104	
	3+4-Methylphenols	50	39.4	ug/L	79				67	106	
	N-Nitroso-di-n-propylamine	50	39	ug/L	78				57	107	
	Hexachloroethane	50	41.3	ug/L	83				76	118	
	Nitrobenzene	50	43.8	ug/L	88				58	106	
	Isophorone	50	40.7	ug/L	81				61	102	
	2-Nitrophenol	50	51.5	ug/L	103				70	115	
	2,4-Dimethylphenol	50	47.9	ug/L	96				42	142	
	bis(2-Chloroethoxy)methane	50	39.1	ug/L	78				58	109	
	2,4-Dichlorophenol	50	42.3	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	39	ug/L	78				41	115	
	Benzoic acid	50	46.7	ug/L	93				10	125	
	Naphthalene	50	39.3	ug/L	79				64	107	
	4-Chloroaniline	50	12.5	ug/L	25				10	85	
	Hexachlorobutadiene	50	40.2	ug/L	80				69	101	
	Caprolactam	50	42.1	ug/L	84				58	128	
	4-Chloro-3-methylphenol	50	41.5	ug/L	83				65	114	
	2-Methylnaphthalene	50	40.2	ug/L	80				64	107	
	Hexachlorocyclopentadiene	100	160	ug/L	160				36	160	
	2,4,6-Trichlorophenol	50	43	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	43.7	ug/L	87				70	106	
	1,1-Biphenyl	50	39.4	ug/L	79				72	98	
	2-Chloronaphthalene	50	38.9	ug/L	78				59	106	
	2-Nitroaniline	50	47.3	ug/L	95				73	114	
	Dimethylphthalate	50	41.3	ug/L	83				64	103	
	Acenaphthylene	50	42.2	ug/L	84				79	103	
	2,6-Dinitrotoluene	50	46.3	ug/L	93				64	110	
	3-Nitroaniline	50	24.9	ug/L	50				28	100	
	Acenaphthene	50	45.3	ug/L	91				59	113	
	Total PAH	800	689.8	ug/L	86				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF010825**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165980BS	4-Nitrophenol	100	93.7	ug/L	94				45	147	
	Dibenzofuran	50	40.1	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	50.4	ug/L	101				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	96.7	ug/L	97				60	115	
	Diethylphthalate	50	40.8	ug/L	82				63	105	
	4-Chlorophenyl-phenylether	50	40.4	ug/L	81				61	104	
	Fluorene	50	39.1	ug/L	78				64	107	
	4-Nitroaniline	50	43.3	ug/L	87				55	125	
	4,6-Dinitro-2-methylphenol	50	63.6	ug/L	127				62	132	
	N-Nitrosodiphenylamine	50	43.4	ug/L	87				61	109	
	Azobenzene	50	39.7	ug/L	79				59	106	
	4-Bromophenyl-phenylether	50	44.9	ug/L	90				73	103	
	Hexachlorobenzene	50	44.4	ug/L	89				73	106	
	Atrazine	50	52.8	ug/L	106				76	120	
	Pentachlorophenol	100	89.5	ug/L	90				47	114	
	Phenanthrene	50	42.6	ug/L	85				62	109	
	Anthracene	50	44.7	ug/L	89				65	110	
	Carbazole	50	39.8	ug/L	80				62	106	
	Di-n-butylphthalate	50	41.4	ug/L	83				64	106	
	Fluoranthene	50	38.3	ug/L	77				64	110	
	Benzidine	100	45	ug/L	45				10	94	
	Pyrene	50	45.5	ug/L	91				71	103	
	Butylbenzylphthalate	50	44.8	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50	25.2	ug/L	50				43	108	
	Benzo(a)anthracene	50	39.5	ug/L	79				62	107	
	Chrysene	50	41.6	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	40	ug/L	80				59	110	
	Di-n-octyl phthalate	50	43.3	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	38.6	ug/L	77				77	113	
	Benzo(k)fluoranthene	50	40.6	ug/L	81				77	105	
	Benzo(a)pyrene	50	44.2	ug/L	88				72	131	
	Indeno(1,2,3-cd)pyrene	50	51	ug/L	102				72	105	
	Dibenz(a,h)anthracene	50	50.7	ug/L	101				78	115	
	Benzo(g,h,i)perylene	50	46.6	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	40.8	ug/L	82				72	101	
	1,4-Dioxane	50	33.7	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.4	ug/L	93				63	116	
	1-Methylnaphthalene	50	38	ug/L	76				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

T1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF010825

SAS No.: BF010825 SDG NO.: BF010825

Lab File ID: BF141086.D

Lab Sample ID: Q1034-01

Instrument ID: BNA_F

Date Extracted: 01/08/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/08/2025

Level: (low/med) LOW

Time Analyzed: 16:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
T1	Q1034-01	BF141086.D	01/08/2025
T2	Q1034-02	BF141087.D	01/08/2025
SF-6-A	Q1034-03	BF141088.D	01/08/2025
SF-6-B	Q1034-04	BF141089.D	01/08/2025
COMP-1	Q1034-05	BF141090.D	01/08/2025
COMP-2	Q1034-06	BF141091.D	01/08/2025
GREENBROOK-COMP	Q1025-01	BF141092.D	01/08/2025
GREENBROOK-COMPMS	Q1025-01MS	BF141093.D	01/08/2025
GREENBROOK-COMPMSD	Q1025-01MSD	BF141094.D	01/08/2025
HR-02-01072025	Q1029-01	BF141095.D	01/08/2025
HR-01-01072025	Q1029-03	BF141096.D	01/08/2025
OR-03-010725	Q1028-01	BF141097.D	01/08/2025
EO-03-010725	Q1027-01	BF141098.D	01/08/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165980BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF010825

SAS No.: BF010825 SDG NO.: BF010825

Lab File ID: BF141080.D

Lab Sample ID: PB165980BL

Instrument ID: BNA_F

Date Extracted: 01/08/2025

Matrix: (soil/water) water

Date Analyzed: 01/08/2025

Level: (low/med) LOW

Time Analyzed: 13:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165973TB	PB165973TB	BF141081.D	01/08/2025
PB165980BS	PB165980BS	BF141082.D	01/08/2025
HT2651	Q1023-01	BF141083.D	01/08/2025
HT2651MS	Q1023-01MS	BF141084.D	01/08/2025
HT2651MSD	Q1023-01MSD	BF141085.D	01/08/2025

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1025-01MS		Client Sample ID: GREENBROOK-COMPMS		DataFile: BF141093.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		1000	ug/Kg	83				45	119	
Benzaldehyde	1200		0	ug/Kg	0	*			10	86	
Aniline	1200		430	ug/Kg	36				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1000	ug/Kg	83				54	125	
2-Chlorophenol	1200		1100	ug/Kg	92				79	107	
1,2-Dichlorobenzene	1200		1100	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1200		1100	ug/Kg	92				62	101	
1,4-Dichlorobenzene	1200		1100	ug/Kg	92				63	104	
Benzyl Alcohol	1200		1100	ug/Kg	92				47	126	
2-Methylphenol	1200		1100	ug/Kg	92				66	122	
2,2-oxybis(1-Chloropropane)	1200		1000	ug/Kg	83				65	110	
Acetophenone	1200		1100	ug/Kg	92				75	111	
3+4-Methylphenols	1200		1000	ug/Kg	83				66	104	
N-Nitroso-di-n-propylamine	1200		1000	ug/Kg	83				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1200	ug/Kg	100				70	119	
Isophorone	1200		1100	ug/Kg	92				76	122	
2-Nitrophenol	1200		1400	ug/Kg	117				54	145	
2,4-Dimethylphenol	1200		1300	ug/Kg	108				44	135	
bis(2-Chloroethoxy)methane	1200		1000	ug/Kg	83				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92				57	103	
Benzoic acid	1200		1300	ug/Kg	108	*			50	104	
Naphthalene	1200		1100	ug/Kg	92				72	110	
4-Chloroaniline	1200		140	ug/Kg	12				10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200		1100	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2300		3300	ug/Kg	143				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
1,1-Biphenyl	1200		1200	ug/Kg	100				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1300	ug/Kg	108				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1200	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1200		1300	ug/Kg	108				70	125	
3-Nitroaniline	1200		750	ug/Kg	63				30	99	
Acenaphthene	1200		1200	ug/Kg	100				70	121	
Total PAH	19200	0	18330	ug/Kg	95				70	121	
2,4-Dinitrophenol	2300		2200	ug/Kg	96				10	155	
4-Nitrophenol	2300		2200	ug/Kg	96				45	133	
Dibenzofuran	1200		1100	ug/Kg	92				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2600	ug/Kg	108				55	128	
2,4-Dinitrotoluene	1200		1300	ug/Kg	108				55	128	
Diethylphthalate	1200		1100	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200		1100	ug/Kg	92				68	116	
4-Nitroaniline	1200		1000	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1200		1500	ug/Kg	125				10	160	
N-Nitrosodiphenylamine	1200		1400	ug/Kg	117				73	118	
Azobenzene	1200		1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200		1400	ug/Kg	117				65	121	
Hexachlorobenzene	1200		1300	ug/Kg	108				67	118	
Atrazine	1200		1500	ug/Kg	125				79	127	
Pentachlorophenol	2300		2400	ug/Kg	104				47	128	
Phenanthrene	1200	60.1	1200	ug/Kg	95				52	128	
Anthracene	1200		1300	ug/Kg	108				62	124	
Carbazole	1200		1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200		1200	ug/Kg	100				69	118	
Fluoranthene	1200	110	1100	ug/Kg	83				44	125	
Benzydine	2300		910	ug/Kg	40				10	119	
Pyrene	1200	120	1000	ug/Kg	73				26	142	
Butylbenzylphthalate	1200		1100	ug/Kg	92				64	126	
3,3-Dichlorobenzidine	1200		720	ug/Kg	60				33	116	
Benzo(a)anthracene	1200	74.6	1100	ug/Kg	85				71	114	
Chrysene	1200	71	1200	ug/Kg	94				57	121	
bis(2-Ethylhexyl)phthalate	1200		1100	ug/Kg	92				42	169	
Di-n-octyl phthalate	1200		1300	ug/Kg	108				23	175	
Benzo(b)fluoranthene	1200	75	1300	ug/Kg	102				67	121	
Benzo(k)fluoranthene	1200		1200	ug/Kg	100				57	134	
Benzo(a)pyrene	1200	79.4	1300	ug/Kg	102				70	142	
Indeno(1,2,3-cd)pyrene	1200		1100	ug/Kg	92				40	129	
Dibenz(a,h)anthracene	1200		1000	ug/Kg	83				43	123	
Benzo(g,h,i)perylene	1200		930	ug/Kg	78				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		990	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100				69	112	
1-Methylnaphthalene	1200		1000	ug/Kg	83				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1025-01MSD		Client Sample ID: GREENBROOK-COMPMSD		DataFile: BF141094.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92		0		66	124	20
Pyridine	1200		1100	ug/Kg	92		10		45	119	20
Benzaldehyde	1200		150	ug/Kg	13		200	*	10	86	20
Aniline	1200		490	ug/Kg	41		13		10	88	20
Phenol	1200		1200	ug/Kg	100		8		67	126	20
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92		10		54	125	20
2-Chlorophenol	1200		1200	ug/Kg	100		8		79	107	20
1,2-Dichlorobenzene	1200		1200	ug/Kg	100		8		61	105	20
1,3-Dichlorobenzene	1200		1100	ug/Kg	92		0		62	101	20
1,4-Dichlorobenzene	1200		1100	ug/Kg	92		0		63	104	20
Benzyl Alcohol	1200		1200	ug/Kg	100		8		47	126	20
2-Methylphenol	1200		1200	ug/Kg	100		8		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92		10		65	110	20
Acetophenone	1200		1100	ug/Kg	92		0		75	111	20
3+4-Methylphenols	1200		1100	ug/Kg	92		10		66	104	20
N-Nitroso-di-n-propylamine	1200		1100	ug/Kg	92		10		59	119	20
Hexachloroethane	1200		1200	ug/Kg	100		8		65	117	20
Nitrobenzene	1200		1300	ug/Kg	108		8		70	119	20
Isophorone	1200		1200	ug/Kg	100		8		76	122	20
2-Nitrophenol	1200		1500	ug/Kg	125		7		54	145	20
2,4-Dimethylphenol	1200		1400	ug/Kg	117		8		44	135	20
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92		10		68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92		0		57	103	20
Benzoic acid	1200		1300	ug/Kg	108	*	0		50	104	20
Naphthalene	1200		1200	ug/Kg	100		8		72	110	20
4-Chloroaniline	1200		190	ug/Kg	16		29	*	10	91	20
Hexachlorobutadiene	1200		1200	ug/Kg	100		8		66	114	20
Caprolactam	1200		1200	ug/Kg	100		8		51	134	20
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100		8		57	132	20
2-Methylnaphthalene	1200		1200	ug/Kg	100		8		59	123	20
Hexachlorocyclopentadiene	2300		3200	ug/Kg	139		3		10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108		8		72	117	20
2,4,5-Trichlorophenol	1200		1300	ug/Kg	108		8		72	117	20
1,1-Biphenyl	1200		1200	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1200		1200	ug/Kg	100		8		67	118	20
2-Nitroaniline	1200		1400	ug/Kg	117		8		69	127	20
Dimethylphthalate	1200		1300	ug/Kg	108		8		70	113	20
Acenaphthylene	1200		1300	ug/Kg	108		8		79	118	20
2,6-Dinitrotoluene	1200		1400	ug/Kg	117		8		70	125	20
3-Nitroaniline	1200		770	ug/Kg	64		2		30	99	20
Acenaphthene	1200		1300	ug/Kg	108		8		70	121	20
Total PAH	19200	0	20100	ug/Kg	105		10		70	121	20
2,4-Dinitrophenol	2300		2200	ug/Kg	96		0		10	155	20
4-Nitrophenol	2300		2500	ug/Kg	109		13		45	133	20
Dibenzofuran	1200		1200	ug/Kg	100		8		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2800	ug/Kg	117		8		55	128	20
2,4-Dinitrotoluene	1200		1400	ug/Kg	117		8		55	128	20
Diethylphthalate	1200		1200	ug/Kg	100		8		70	112	20
4-Chlorophenyl-phenylether	1200		1200	ug/Kg	100		8		71	108	20
Fluorene	1200		1100	ug/Kg	92		0		68	116	20
4-Nitroaniline	1200		1100	ug/Kg	92		10		55	120	20
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117		7		10	160	20
N-Nitrosodiphenylamine	1200		1400	ug/Kg	117		0		73	118	20
Azobenzene	1200		1200	ug/Kg	100		8		73	110	20
4-Bromophenyl-phenylether	1200		1400	ug/Kg	117		0		65	121	20
Hexachlorobenzene	1200		1400	ug/Kg	117		8		67	118	20
Atrazine	1200		1600	ug/Kg	133	*	6		79	127	20
Pentachlorophenol	2300		2600	ug/Kg	113		8		47	128	20
Phenanthrene	1200	60.1	1300	ug/Kg	103		8		52	128	20
Anthracene	1200		1400	ug/Kg	117		8		62	124	20
Carbazole	1200		1200	ug/Kg	100		8		59	119	20
Di-n-butylphthalate	1200		1300	ug/Kg	108		8		69	118	20
Fluoranthene	1200	110	1300	ug/Kg	99		18		44	125	20
Benzidine	2300		1300	ug/Kg	57		35	*	10	119	20
Pyrene	1200	120	1200	ug/Kg	90		21	*	26	142	20
Butylbenzylphthalate	1200		1200	ug/Kg	100		8		64	126	20
3,3-Dichlorobenzidine	1200		890	ug/Kg	74		21	*	33	116	20
Benzo(a)anthracene	1200	74.6	1200	ug/Kg	94		10		71	114	20
Chrysene	1200	71	1300	ug/Kg	102		8		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1200	ug/Kg	100		8		42	169	20
Di-n-octyl phthalate	1200		1500	ug/Kg	125		15		23	175	20
Benzo(b)fluoranthene	1200	75	1300	ug/Kg	102		0		67	121	20
Benzo(k)fluoranthene	1200		1300	ug/Kg	108		8		57	134	20
Benzo(a)pyrene	1200	79.4	1400	ug/Kg	110		8		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1200	ug/Kg	100		8		40	129	20
Dibenz(a,h)anthracene	1200		1200	ug/Kg	100		19		43	123	20
Benzo(g,h,i)perylene	1200		1100	ug/Kg	92		16		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1300	ug/Kg	108		8		69	124	20
1,4-Dioxane	1200		1100	ug/Kg	92		10		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1300	ug/Kg	108		8		69	112	20
1-Methylnaphthalene	1200		1100	ug/Kg	92		10		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1023-01MS	Client Sample ID:	HT2651MS					DataFile:	BF141084.D		
n-Nitrosodimethylamine	500		500	ug/L	100				10	130	
Pyridine	500		410	ug/L	82				10	109	
Benzaldehyde	500		93.6	ug/L	19				10	137	
Aniline	500		470	ug/L	94				10	130	
Phenol	500		480	ug/L	96				10	130	
bis(2-Chloroethyl)ether	500		500	ug/L	100				29	141	
2-Chlorophenol	500		540	ug/L	108				23	127	
1,2-Dichlorobenzene	500		530	ug/L	106				61	114	
1,3-Dichlorobenzene	500		510	ug/L	102				65	106	
1,4-Dichlorobenzene	500		510	ug/L	102				55	125	
Benzyl Alcohol	500		560	ug/L	112	*			31	94	
2-Methylphenol	500		540	ug/L	108				37	126	
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100				36	141	
Acetophenone	500		520	ug/L	104				31	164	
3+4-Methylphenols	500		500	ug/L	100				31	127	
N-Nitroso-di-n-propylamine	500		530	ug/L	106				36	147	
Hexachloroethane	500		540	ug/L	108				49	110	
Nitrobenzene	500		600	ug/L	120	*			62	112	
Isophorone	500		550	ug/L	110				39	146	
2-Nitrophenol	500		710	ug/L	142				30	148	
2,4-Dimethylphenol	500		640	ug/L	128				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		580	ug/L	116				22	146	
1,2,4-Trichlorobenzene	500		520	ug/L	104				66	110	
Benzoic acid	500	89.7	640	ug/L	110	*			10	101	
Naphthalene	500		520	ug/L	104				17	157	
4-Chloroaniline	500		32.5	ug/L	7	*			10	95	
Hexachlorobutadiene	500		540	ug/L	108				52	125	
Caprolactam	500		520	ug/L	104				10	130	
4-Chloro-3-methylphenol	500		560	ug/L	112				17	148	
2-Methylnaphthalene	500		540	ug/L	108				38	146	
Hexachlorocyclopentadiene	1000		2100	ug/L	210	*			20	153	
2,4,6-Trichlorophenol	500		590	ug/L	118	*			78	112	
2,4,5-Trichlorophenol	500		630	ug/L	126	*			71	111	
1,1-Biphenyl	500		560	ug/L	112				38	154	
2-Chloronaphthalene	500		550	ug/L	110				41	145	
2-Nitroaniline	500		610	ug/L	122				39	151	
Dimethylphthalate	500		570	ug/L	114				42	147	
Acenaphthylene	500		580	ug/L	116				40	141	
2,6-Dinitrotoluene	500		640	ug/L	128				43	148	
3-Nitroaniline	500		170	ug/L	34				10	111	
Acenaphthene	500		650	ug/L	130				37	146	
Total PAH	8000		9160	ug/L	115				37	146	
2,4-Dinitrophenol	1000		1400	ug/L	140				14	167	
4-Nitrophenol	1000		1200	ug/L	120				10	130	
Dibenzofuran	500		560	ug/L	112				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		680	ug/L	136				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1320	ug/L	132				50	142	
Diethylphthalate	500		560	ug/L	112				41	148	
4-Chlorophenyl-phenylether	500		540	ug/L	108				38	149	
Fluorene	500		530	ug/L	106				39	144	
4-Nitroaniline	500		190	ug/L	38				27	138	
4,6-Dinitro-2-methylphenol	500		890	ug/L	178	*			32	175	
N-Nitrosodiphenylamine	500		570	ug/L	114				40	150	
Azobenzene	500		530	ug/L	106				72	112	
4-Bromophenyl-phenylether	500		620	ug/L	124				42	151	
Hexachlorobenzene	500		620	ug/L	124	*			72	115	
Atrazine	500		610	ug/L	122				20	162	
Pentachlorophenol	1000		1200	ug/L	120				25	139	
Phenanthrene	500		580	ug/L	116				40	147	
Anthracene	500		590	ug/L	118				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		550	ug/L	110				40	151	
Fluoranthene	500		500	ug/L	100				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		560	ug/L	112				41	149	
Butylbenzylphthalate	500		560	ug/L	112				39	155	
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	
Benzo(a)anthracene	500		530	ug/L	106				41	147	
Chrysene	500		560	ug/L	112				44	144	
bis(2-Ethylhexyl)phthalate	500		540	ug/L	108				33	160	
Di-n-octyl phthalate	500		680	ug/L	136				36	158	
Benzo(b)fluoranthene	500		480	ug/L	96				40	150	
Benzo(k)fluoranthene	500		600	ug/L	120				40	147	
Benzo(a)pyrene	500		590	ug/L	118				42	147	
Indeno(1,2,3-cd)pyrene	500		660	ug/L	132				30	166	
Dibenz(a,h)anthracene	500		660	ug/L	132				23	172	
Benzo(g,h,i)perylene	500		570	ug/L	114				27	167	
1,2,4,5-Tetrachlorobenzene	500		560	ug/L	112	*			89	102	
1,4-Dioxane	500		460	ug/L	92				38	130	
2,3,4,6-Tetrachlorophenol	500		640	ug/L	128	*			91	111	
1-Methylnaphthalene	500		510	ug/L	102				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1023-01MSD		Client Sample ID: HT2651MSD		DataFile: BF141085.D							
n-Nitrosodimethylamine	500		500	ug/L	100		0		10	130	20
Pyridine	500		400	ug/L	80		2		10	109	20
Benzaldehyde	500		89.6	ug/L	18		5		10	137	20
Aniline	500		460	ug/L	92		2		10	130	20
Phenol	500		470	ug/L	94		2		10	130	20
bis(2-Chloroethyl)ether	500		490	ug/L	98		2		29	141	20
2-Chlorophenol	500		540	ug/L	108		0		23	127	20
1,2-Dichlorobenzene	500		520	ug/L	104		2		61	114	20
1,3-Dichlorobenzene	500		500	ug/L	100		2		65	106	20
1,4-Dichlorobenzene	500		510	ug/L	102		0		55	125	20
Benzyl Alcohol	500		550	ug/L	110	*	2		31	94	20
2-Methylphenol	500		530	ug/L	106		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98		2		36	141	20
Acetophenone	500		510	ug/L	102		2		31	164	20
3+4-Methylphenols	500		500	ug/L	100		0		31	127	20
N-Nitroso-di-n-propylamine	500		520	ug/L	104		2		36	147	20
Hexachloroethane	500		530	ug/L	106		2		49	110	20
Nitrobenzene	500		580	ug/L	116	*	3		62	112	20
Isophorone	500		540	ug/L	108		2		39	146	20
2-Nitrophenol	500		700	ug/L	140		1		30	148	20
2,4-Dimethylphenol	500		630	ug/L	126		2		17	143	20
bis(2-Chloroethoxy)methane	500		520	ug/L	104		2		39	143	20
2,4-Dichlorophenol	500		560	ug/L	112		4		22	146	20
1,2,4-Trichlorobenzene	500		520	ug/L	104		0		66	110	20
Benzoic acid	500	89.7	610	ug/L	104	*	6		10	101	20
Naphthalene	500		520	ug/L	104		0		17	157	20
4-Chloroaniline	500		32.5	ug/L	7	*	0		10	95	20
Hexachlorobutadiene	500		530	ug/L	106		2		52	125	20
Caprolactam	500		510	ug/L	102		2		10	130	20
4-Chloro-3-methylphenol	500		540	ug/L	108		4		17	148	20
2-Methylnaphthalene	500		520	ug/L	104		4		38	146	20
Hexachlorocyclopentadiene	1000		2000	ug/L	200	*	5		20	153	20
2,4,6-Trichlorophenol	500		580	ug/L	116	*	2		78	112	20
2,4,5-Trichlorophenol	500		610	ug/L	122	*	3		71	111	20
1,1-Biphenyl	500		540	ug/L	108		4		38	154	20
2-Chloronaphthalene	500		530	ug/L	106		4		41	145	20
2-Nitroaniline	500		600	ug/L	120		2		39	151	20
Dimethylphthalate	500		570	ug/L	114		0		42	147	20
Acenaphthylene	500		570	ug/L	114		2		40	141	20
2,6-Dinitrotoluene	500		630	ug/L	126		2		43	148	20
3-Nitroaniline	500		170	ug/L	34		0		10	111	20
Acenaphthene	500		640	ug/L	128		2		37	146	20
Total PAH	8000		8990	ug/L	112		3		37	146	20
2,4-Dinitrophenol	1000		1400	ug/L	140		0		14	167	20
4-Nitrophenol	1000		1200	ug/L	120		0		10	130	20
Dibenzofuran	500		550	ug/L	110		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF010825

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		670	ug/L	134		1		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1300	ug/L	130		2		50	142	20
Diethylphthalate	500		550	ug/L	110		2		41	148	20
4-Chlorophenyl-phenylether	500		530	ug/L	106		2		38	149	20
Fluorene	500		520	ug/L	104		2		39	144	20
4-Nitroaniline	500		200	ug/L	40		5		27	138	20
4,6-Dinitro-2-methylphenol	500		870	ug/L	174		2		32	175	20
N-Nitrosodiphenylamine	500		570	ug/L	114		0		40	150	20
Azobenzene	500		520	ug/L	104		2		72	112	20
4-Bromophenyl-phenylether	500		610	ug/L	122		2		42	151	20
Hexachlorobenzene	500		600	ug/L	120	*	3		72	115	20
Atrazine	500		610	ug/L	122		0		20	162	20
Pentachlorophenol	1000		1200	ug/L	120		0		25	139	20
Phenanthrene	500		570	ug/L	114		2		40	147	20
Anthracene	500		580	ug/L	116		2		41	146	20
Carbazole	500		480	ug/L	96		0		37	154	20
Di-n-butylphthalate	500		550	ug/L	110		0		40	151	20
Fluoranthene	500		500	ug/L	100		0		42	146	20
Benidine	1000			ug/L	0	*			10	130	20
Pyrene	500		550	ug/L	110		2		41	149	20
Butylbenzylphthalate	500		560	ug/L	112		0		39	155	20
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	20
Benzo(a)anthracene	500		520	ug/L	104		2		41	147	20
Chrysene	500		560	ug/L	112		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		530	ug/L	106		2		33	160	20
Di-n-octyl phthalate	500		660	ug/L	132		3		36	158	20
Benzo(b)fluoranthene	500		500	ug/L	100		4		40	150	20
Benzo(k)fluoranthene	500		540	ug/L	108		11		40	147	20
Benzo(a)pyrene	500		580	ug/L	116		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		640	ug/L	128		3		30	166	20
Dibenz(a,h)anthracene	500		640	ug/L	128		3		23	172	20
Benzo(g,h,i)perylene	500		560	ug/L	112		2		27	167	20
1,2,4,5-Tetrachlorobenzene	500		560	ug/L	112	*	0		89	102	20
1,4-Dioxane	500		460	ug/L	92		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		630	ug/L	126	*	2		91	111	20
1-Methylnaphthalene	500		500	ug/L	100		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF010825**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1025-01	GREENBROOK-C\BF141092.D		2-Fluorophenol	150	95.49	64		18	112
			Phenol-d6	150	93.63	62		15	107
			Nitrobenzene-d5	100	80.56	81		18	107
			2-Fluorobiphenyl	100	66.05	66		20	109
			2,4,6-Tribromophenol	150	106.39	71		10	116
			Terphenyl-d14	100	53.19	53		10	105
Q1025-01MS	GREENBROOK-C\BF141093.D		2-Fluorophenol	150	83.92	56		18	112
			Phenol-d6	150	83.73	56		15	107
			Nitrobenzene-d5	100	73.33	73		18	107
			2-Fluorobiphenyl	100	59.90	60		20	109
			2,4,6-Tribromophenol	150	95.17	63		10	116
			Terphenyl-d14	100	47.61	48		10	105
Q1025-01MSD	GREENBROOK-C\BF141094.D		2-Fluorophenol	150	90.28	60		18	112
			Phenol-d6	150	90.02	60		15	107
			Nitrobenzene-d5	100	78.94	79		18	107
			2-Fluorobiphenyl	100	65.20	65		20	109
			2,4,6-Tribromophenol	150	104.44	70		10	116
			Terphenyl-d14	100	55.72	56		10	105
Q1027-01	EO-03-010725	BF141098.D	2-Fluorophenol	150	74.20	49		18	112
			Phenol-d6	150	67.79	45		15	107
			Nitrobenzene-d5	100	60.38	60		18	107
			2-Fluorobiphenyl	100	57.27	57		20	109
			2,4,6-Tribromophenol	150	80.20	53		10	116
			Terphenyl-d14	100	59.62	60		10	105
Q1028-01	OR-03-010725	BF141097.D	2-Fluorophenol	150	54.37	36		18	112
			Phenol-d6	150	47.70	32		15	107
			Nitrobenzene-d5	100	42.25	42		18	107
			2-Fluorobiphenyl	100	43.49	43		20	109
			2,4,6-Tribromophenol	150	52.78	35		10	116
			Terphenyl-d14	100	44.16	44		10	105
Q1029-01	HR-02-01072025	BF141095.D	2-Fluorophenol	150	70.01	47		18	112
			Phenol-d6	150	66.65	44		15	107
			Nitrobenzene-d5	100	61.35	61		18	107
			2-Fluorobiphenyl	100	54.95	55		20	109
			2,4,6-Tribromophenol	150	73.79	49		10	116
			Terphenyl-d14	100	47.76	48		10	105
Q1029-03	HR-01-01072025	BF141096.D	2-Fluorophenol	150	70.61	47		18	112
			Phenol-d6	150	64.16	43		15	107
			Nitrobenzene-d5	100	71.24	71		18	107
			2-Fluorobiphenyl	100	54.57	55		20	109
			2,4,6-Tribromophenol	150	72.59	48		10	116
			Terphenyl-d14	100	49.49	49		10	105
Q1034-01	T1	BF141086.D	2-Fluorophenol	150	102.71	68		18	112
			Phenol-d6	150	108.49	72		15	107
			Nitrobenzene-d5	100	102.09	102		18	107
			2-Fluorobiphenyl	100	87.73	88		20	109
			2,4,6-Tribromophenol	150	119.47	80		10	116
			Terphenyl-d14	100	87.54	88		10	105
Q1034-02	T2	BF141087.D	2-Fluorophenol	150	98.21	65		18	112

Surrogate Summary

SW-846

SDG No.: **BF010825**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1034-02	T2	BF141087.D	Phenol-d6	150	109.85	73		15	107
			Nitrobenzene-d5	100	104.81	105		18	107
			2-Fluorobiphenyl	100	87.97	88		20	109
			2,4,6-Tribromophenol	150	101.85	68		10	116
			Terphenyl-d14	100	99.64	100		10	105
Q1034-03	SF-6-A	BF141088.D	2-Fluorophenol	150	113.61	76		18	112
			Phenol-d6	150	119.08	79		15	107
			Nitrobenzene-d5	100	105.94	106		18	107
			2-Fluorobiphenyl	100	91.50	91		20	109
			2,4,6-Tribromophenol	150	141.96	95		10	116
Q1034-04	SF-6-B	BF141089.D	Terphenyl-d14	100	105.63	106	*	10	105
			2-Fluorophenol	150	107.49	72		18	112
			Phenol-d6	150	113.09	75		15	107
			Nitrobenzene-d5	100	108.49	108	*	18	107
			2-Fluorobiphenyl	100	93.59	94		20	109
Q1034-05	COMP-1	BF141090.D	2,4,6-Tribromophenol	150	127.21	85		10	116
			Terphenyl-d14	100	106.11	106	*	10	105
			2-Fluorophenol	150	101.82	68		18	112
			Phenol-d6	150	107.97	72		15	107
			Nitrobenzene-d5	100	103.34	103		18	107
Q1034-06	COMP-2	BF141091.D	2-Fluorobiphenyl	100	88.66	89		20	109
			2,4,6-Tribromophenol	150	98.85	66		10	116
			Terphenyl-d14	100	101.50	101		10	105
			2-Fluorophenol	150	106.19	71		18	112
			Phenol-d6	150	111.80	75		15	107
			Nitrobenzene-d5	100	99.73	100		18	107
			2-Fluorobiphenyl	100	86.28	86		20	109
			2,4,6-Tribromophenol	150	119.65	80		10	116
			Terphenyl-d14	100	99.00	99		10	105

Surrogate Summary

SW-846

SDG No.: **BF010825**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165973TB	PB165973TB	BF141081.D	2-Fluorophenol	150	109.30	73		10	139
			Phenol-d6	150	107.05	71		10	134
			Nitrobenzene-d5	100	93.20	93		49	133
			2-Fluorobiphenyl	100	74.69	75		52	132
			2,4,6-Tribromophenol	150	138.13	92		44	137
			Terphenyl-d14	100	75.61	76		48	125
PB165980BL	PB165980BL	BF141080.D	2-Fluorophenol	150	112.41	75		10	139
			Phenol-d6	150	108.45	72		10	134
			Nitrobenzene-d5	100	94.83	95		49	133
			2-Fluorobiphenyl	100	77.53	78		52	132
			2,4,6-Tribromophenol	150	145.63	97		44	137
			Terphenyl-d14	100	69.97	70		48	125
PB165980BS	PB165980BS	BF141082.D	2-Fluorophenol	150	107.20	71		10	139
			Phenol-d6	150	105.93	71		10	134
			Nitrobenzene-d5	100	92.41	92		49	133
			2-Fluorobiphenyl	100	74.79	75		52	132
			2,4,6-Tribromophenol	150	132.79	89		44	137
			Terphenyl-d14	100	90.31	90		48	125
Q1023-01	HT2651	BF141083.D	2-Fluorophenol	150	147.62	98		10	139
			Phenol-d6	150	134.52	90		10	134
			Nitrobenzene-d5	100	123.12	123		49	133
			2-Fluorobiphenyl	100	96.97	97		52	132
			2,4,6-Tribromophenol	150	180.97	121		44	137
			Terphenyl-d14	100	94.94	95		48	125
Q1023-01MS	HT2651MS	BF141084.D	2-Fluorophenol	150	142.28	95		10	139
			Phenol-d6	150	127.65	85		10	134
			Nitrobenzene-d5	100	123.04	123		49	133
			2-Fluorobiphenyl	100	102.27	102		52	132
			2,4,6-Tribromophenol	150	182.63	122		44	137
			Terphenyl-d14	100	99.82	100		48	125
Q1023-01MSD	HT2651MSD	BF141085.D	2-Fluorophenol	150	140.60	94		10	139
			Phenol-d6	150	126.61	84		10	134
			Nitrobenzene-d5	100	121.38	121		49	133
			2-Fluorobiphenyl	100	100.96	101		52	132
			2,4,6-Tribromophenol	150	179.35	120		44	137
			Terphenyl-d14	100	98.90	99		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF010825

Lab Code: CHEM

SAS No.: BF010825 SDG NO.: BF010825

Lab File ID: BF141078.D

DFTPP Injection Date: 01/08/2025

Instrument ID: BNA_F

DFTPP Injection Time: 10:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF141079.D	01/08/2025	10:49
PB165980BL	PB165980BL	BF141080.D	01/08/2025	13:31
PB165973TB	PB165973TB	BF141081.D	01/08/2025	13:58
PB165980BS	PB165980BS	BF141082.D	01/08/2025	14:24
HT2651	Q1023-01	BF141083.D	01/08/2025	14:59
HT2651MS	Q1023-01MS	BF141084.D	01/08/2025	15:26
HT2651MSD	Q1023-01MSD	BF141085.D	01/08/2025	15:52
T1	Q1034-01	BF141086.D	01/08/2025	16:19
T2	Q1034-02	BF141087.D	01/08/2025	16:45
SF-6-A	Q1034-03	BF141088.D	01/08/2025	17:11
SF-6-B	Q1034-04	BF141089.D	01/08/2025	17:38
COMP-1	Q1034-05	BF141090.D	01/08/2025	18:04
COMP-2	Q1034-06	BF141091.D	01/08/2025	18:30
GREENBROOK-COMP	Q1025-01	BF141092.D	01/08/2025	18:57
GREENBROOK-COMPMS	Q1025-01MS	BF141093.D	01/08/2025	19:23
GREENBROOK-COMPMSD	Q1025-01MSD	BF141094.D	01/08/2025	19:49
HR-02-01072025	Q1029-01	BF141095.D	01/08/2025	20:15
HR-01-01072025	Q1029-03	BF141096.D	01/08/2025	20:41

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF010825

Lab Code: CHEM

SAS No.: BF010825 SDG NO.: BF010825

Lab File ID: BF141078.D

DFTPP Injection Date: 01/08/2025

Instrument ID: BNA_F

DFTPP Injection Time: 10:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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
OR-03-010725	Q1028-01	BF141097.D	01/08/2025	21:08
EO-03-010725	Q1027-01	BF141098.D	01/08/2025	21:34