

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091724 SAS No.: BF091724 SDG No.: BF091724

Instrument ID: BNA_F Calibration Date/Time: 9/17/2024 1:10:40

Lab File ID: BF139393.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	0.940	0.844		-10.213	
Pyridine	1.084	1.027		-5.258	
2-Fluorophenol	1.226	1.131		-7.749	
Benzaldehyde	0.930	0.869		-6.559	
Aniline	1.214	1.214		0.0	
Phenol-d6	1.609	1.484		-7.769	
Phenol	1.639	1.563		-4.637	20.0
bis(2-Chloroethyl)ether	1.246	1.127		-9.551	
2-Chlorophenol	1.262	1.212		-3.962	
1,2-Dichlorobenzene	1.370	1.320		-3.65	
1,3-Dichlorobenzene	1.435	1.358		-5.366	
1,4-Dichlorobenzene	1.450	1.367		-5.724	20.0
Benzyl Alcohol	1.284	1.231		-4.128	
2-Methylphenol	1.003	0.959		-4.387	
2,2-oxybis(1-Chloropropane)	1.920	1.977		2.969	
Acetophenone	0.523	0.491		-6.119	
3+4-Methylphenols	1.368	1.297		-5.19	
n-Nitroso-di-n-propylamine	0.954	0.945	0.050	-0.943	
Nitrobenzene-d5	0.425	0.411		-3.294	
Hexachloroethane	0.552	0.541		-1.993	
Nitrobenzene	0.438	0.413		-5.708	
Isophorone	0.673	0.659		-2.08	
2-Nitrophenol	0.171	0.173		1.17	20.0
2,4-Dimethylphenol	0.225	0.215		-4.444	
bis(2-Chloroethoxy)methane	0.383	0.377		-1.567	
2,4-Dichlorophenol	0.286	0.274		-4.196	20.0
1,2,4-Trichlorobenzene	0.333	0.316		-5.105	
Benzoic acid	0.211	0.212		0.474	
Naphthalene	1.044	0.995		-4.693	
4-Chloroaniline	0.319	0.311		-2.508	
Hexachlorobutadiene	0.226	0.219		-3.097	20.0
Caprolactam	0.088	0.083		-5.682	
4-Chloro-3-methylphenol	0.327	0.313		-4.281	20.0
2-Methylnaphthalene	0.663	0.633		-4.525	
Hexachlorocyclopentadiene	0.207	0.215	0.050	3.865	
2,4,6-Trichlorophenol	0.386	0.375		-2.85	20.0
2-Fluorobiphenyl	1.426	1.362		-4.488	
2,4,5-Trichlorophenol	0.407	0.405		-0.491	
1,1-Biphenyl	1.539	1.466		-4.743	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.150	1.114		-3.13	
2-Nitroaniline	0.428	0.408		-4.673	
Dimethylphthalate	1.313	1.246		-5.103	
Acenaphthylene	1.732	1.660		-4.157	
2,6-Dinitrotoluene	0.291	0.291		0.0	
3-Nitroaniline	0.291	0.291		0.0	
Acenaphthene	1.209	1.172		-3.06	20.0
2,4-Dinitrophenol	0.162	0.164	0.050	1.235	
4-Nitrophenol	0.240	0.228	0.050	-5.0	
Dibenzofuran	1.685	1.612		-4.332	
2,4-Dinitrotoluene	0.393	0.389		-1.018	
Diethylphthalate	1.355	1.331		-1.771	
4-Chlorophenyl-phenylether	0.668	0.644		-3.593	
Fluorene	1.375	1.299		-5.527	
4-Nitroaniline	0.317	0.302		-4.732	
4,6-Dinitro-2-methylphenol	0.106	0.113		6.604	
n-Nitrosodiphenylamine	0.585	0.571		-2.393	20.0
Azobenzene	1.332	1.289		-3.228	
2,4,6-Tribromophenol	0.213	0.204		-4.225	
4-Bromophenyl-phenylether	0.198	0.201		1.515	
Hexachlorobenzene	0.233	0.228		-2.146	
Atrazine	0.139	0.134		-3.597	
Pentachlorophenol	0.140	0.146		4.286	20.0
Phenanthrene	0.965	0.935		-3.109	
Anthracene	0.943	0.914		-3.075	
Carbazole	0.903	0.878		-2.769	
Di-n-butylphthalate	1.006	1.068		6.163	
Fluoranthene	1.030	1.045		1.456	20.0
Benzidine	0.287	0.430		49.826	
Pyrene	1.717	1.852		7.863	
Terphenyl-d14	1.218	1.328		9.031	
Butylbenzylphthalate	0.585	0.690		17.949	
3,3-Dichlorobenzidine	0.388	0.358		-7.732	
Benzo(a)anthracene	1.325	1.297		-2.113	
Chrysene	1.219	1.149		-5.742	
Bis(2-ethylhexyl)phthalate	0.744	0.883		18.683	
Di-n-octyl phthalate	1.095	1.160		5.936	20.0
Benzo(b)fluoranthene	1.233	1.181		-4.217	
Benzo(k)fluoranthene	1.137	1.150		1.143	

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Instrument ID: BNA_F Calibration Date/Time: 9/17/2024 1:10:40

Lab File ID: BF139393.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	1.023	1.000		-2.248	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.224		2.944	
Dibenzo(a,h)anthracene	0.983	1.013		3.052	
Benzo(g,h,i)perylene	0.973	1.053		8.222	
1,2,4,5-Tetrachlorobenzene	0.593	0.581		-2.024	
1,4-Dioxane	0.492	0.435		-11.585	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.323		-3.869	
1-Methylnaphthalene	0.651	0.619		-4.916	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BL	SDG No.:	BF091724
Lab Sample ID:	PB163414BL	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
BF139394.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BL	SDG No.:	BF091724
Lab Sample ID:	PB163414BL	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
BF139394.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BL	SDG No.:	BF091724
Lab Sample ID:	PB163414BL	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
BF139394.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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	119.288		10-139		80	SPK: -150
13127-88-3	Phenol-d6	118.972		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	82.124		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	81.252		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BL	SDG No.:	BF091724
Lab Sample ID:	PB163414BL	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
BF139394.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.247		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	83.432		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72264	6.875				
1146-65-2	Naphthalene-d8	271274	8.157				
15067-26-2	Acenaphthene-d10	159150	9.91				
1517-22-2	Phenanthrene-d10	316746	11.398				
1719-03-5	Chrysene-d12	218080	14.033				
1520-96-3	Perylene-d12	170230	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.2	J			2.251	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.2	A			5.122	

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163307TB	SDG No.:	BF091724
Lab Sample ID:	PB163307TB	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
BF139395.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163307TB	SDG No.:	BF091724
Lab Sample ID:	PB163307TB	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
BF139395.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163307TB	SDG No.:	BF091724
Lab Sample ID:	PB163307TB	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
BF139395.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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	109.95		10-139		73	SPK: -150
13127-88-3	Phenol-d6	108.524		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	74.89		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	73.13		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163307TB	SDG No.:	BF091724
Lab Sample ID:	PB163307TB	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
BF139395.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.403		44-137		74	SPK: -150
1718-51-0	Terphenyl-d14	75.137		48-125		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68273	6.875				
1146-65-2	Naphthalene-d8	264273	8.157				
15067-26-2	Acenaphthene-d10	154874	9.91				
1517-22-2	Phenanthrene-d10	297313	11.398				
1719-03-5	Chrysene-d12	203874	14.033				
1520-96-3	Perylene-d12	161018	15.504				

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163358TB	SDG No.:	BF091724
Lab Sample ID:	PB163358TB	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
BF139396.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163358TB	SDG No.:	BF091724
Lab Sample ID:	PB163358TB	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 Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139396.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163358TB	SDG No.:	BF091724
Lab Sample ID:	PB163358TB	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
BF139396.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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	109.202		10-139		73	SPK: -150
13127-88-3	Phenol-d6	108.885		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	74.691		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	73.125		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163358TB	SDG No.:	BF091724
Lab Sample ID:	PB163358TB	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
BF139396.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.761		44-137		75	SPK: -150
1718-51-0	Terphenyl-d14	75.316		48-125		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69033	6.875				
1146-65-2	Naphthalene-d8	264747	8.157				
15067-26-2	Acenaphthene-d10	154637	9.91				
1517-22-2	Phenanthrene-d10	296959	11.398				
1719-03-5	Chrysene-d12	207580	14.033				
1520-96-3	Perylene-d12	164796	15.498				

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BS	SDG No.:	BF091724
Lab Sample ID:	PB163414BS	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
BF139397.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.8		1	8	10	ug/L
110-86-1	Pyridine	41		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.4		4	8	10	ug/L
62-53-3	Aniline	48.4		1.6	4	5	ug/L
108-95-2	Phenol	47.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52		1.4	4	5	ug/L
98-86-2	Acetophenone	44.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.1		1	4	5	ug/L
98-95-3	Nitrobenzene	43.9		1.3	4	5	ug/L
78-59-1	Isophorone	48.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.2		5.5	8	10	ug/L
91-20-3	Naphthalene	45.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	24.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BS	SDG No.:	BF091724
Lab Sample ID:	PB163414BS	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
BF139397.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	48.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	45.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	53.3		0.81	4	5	ug/L
Total PAH	Total PAH	805.4		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	96.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.1		0.98	4	5	ug/L
86-73-7	Fluorene	46.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.1		0.89	4	5	ug/L
103-33-3	Azobenzene	48		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.4		1.1	4	5	ug/L
1912-24-9	Atrazine	69.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BS	SDG No.:	BF091724
Lab Sample ID:	PB163414BS	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
BF139397.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.1		0.89	4	5	ug/L
120-12-7	Anthracene	50.8		1.1	4	5	ug/L
86-74-8	Carbazole	48.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	49.4		1.3	4	5	ug/L
92-87-5	Benzidine	77.6		4.1	8	10	ug/L
129-00-0	Pyrene	55.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	61.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.94	4	5	ug/L
218-01-9	Chrysene	48.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	60.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	54		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	34.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.775		10-139		86	SPK: -150
13127-88-3	Phenol-d6	128.524		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.115		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.13		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163414BS	SDG No.:	BF091724
Lab Sample ID:	PB163414BS	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
BF139397.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.325		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	111.103		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67726	6.881				
1146-65-2	Naphthalene-d8	255636	8.163				
15067-26-2	Acenaphthene-d10	143509	9.916				
1517-22-2	Phenanthrene-d10	269967	11.398				
1719-03-5	Chrysene-d12	148691	14.039				
1520-96-3	Perylene-d12	116282	15.504				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	FM1	SDG No.:	BF091724
Lab Sample ID:	P3932-03	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
BF139398.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	FM1	SDG No.:	BF091724
Lab Sample ID:	P3932-03	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
BF139398.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	FM1	SDG No.:	BF091724
Lab Sample ID:	P3932-03	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
BF139398.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

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	95.2	J	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	95.925		10-139		64	SPK: -150
13127-88-3	Phenol-d6	90.03		10-134		60	SPK: -150
4165-60-0	Nitrobenzene-d5	75.535		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	77.461		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	FM1	SDG No.:	BF091724
Lab Sample ID:	P3932-03	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
BF139398.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.761		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	78.464		48-125		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62581	6.881				
1146-65-2	Naphthalene-d8	239320	8.157				
15067-26-2	Acenaphthene-d10	128462	9.91				
1517-22-2	Phenanthrene-d10	212440	11.398				
1719-03-5	Chrysene-d12	116446	14.027				
1520-96-3	Perylene-d12	94363	15.498				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091724
Lab Sample ID:	P3905-06	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
BF139399.D	1	9/10/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091724
Lab Sample ID:	P3905-06	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
BF139399.D	1	9/10/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091724
Lab Sample ID:	P3905-06	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
BF139399.D	1	9/10/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163259

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	210		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	87.205		10-139		58	SPK: -150
13127-88-3	Phenol-d6	81.653		10-134		54	SPK: -150
4165-60-0	Nitrobenzene-d5	68.534		49-133		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.571		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091724
Lab Sample ID:	P3905-06	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
BF139399.D	1	9/10/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.269		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	90.763		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63471	6.881				
1146-65-2	Naphthalene-d8	237287	8.157				
15067-26-2	Acenaphthene-d10	134667	9.91				
1517-22-2	Phenanthrene-d10	219233	11.398				
1719-03-5	Chrysene-d12	113603	14.027				
1520-96-3	Perylene-d12	91031	15.498				

Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM		
Project:				Date Received:	9/12/2024 12:00:00 AM		
Client Sample ID:	TP-7			SDG No.:	BF091724		
Lab Sample ID:	P3985-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.8		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139400.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.7	U	59.7	190	230	ug/Kg
110-86-1	Pyridine	54.9	U	54.9	89.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.6	U	66.6	89.4	120	ug/Kg
108-95-2	Phenol	57	U	57	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.5	U	57.5	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	57.4	U	57.4	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.2	U	58.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.1	U	59.1	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.5	U	59.5	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	57.1	U	57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	55.4	U	55.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.5	U	62.5	89.4	120	ug/Kg
98-86-2	Acetophenone	59.7	U	59.7	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.9	U	54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	57.1	U	57.1	89.4	120	ug/Kg
98-95-3	Nitrobenzene	62.4	U	62.4	89.4	120	ug/Kg
78-59-1	Isophorone	58.2	U	58.2	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.1	U	64.1	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	59	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.9	U	51.9	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.7	U	58.7	89.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.8	U	56.8	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	56.8	U	56.8	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.3	U	57.3	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF091724
Lab Sample ID:	P3985-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139400.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.7	U	59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.3	U	53.3	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.7	U	56.7	89.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.1	U	49.1	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.9	U	50.9	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	60.1	U	60.1	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.3	U	57.3	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	65.3	U	65.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	56.2	U	56.2	89.4	120	ug/Kg
208-96-8	Acenaphthylene	59.5	U	59.5	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.2	U	57.2	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	61.3	U	61.3	89.4	120	ug/Kg
83-32-9	Acenaphthene	55.8	U	55.8	89.4	120	ug/Kg
Total PAH	Total PAH	911.3	U	911.3	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.8	U	79.8	190	230	ug/Kg
132-64-9	Dibenzofuran	58	U	58	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.5	U	116.5	89.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.3	U	59.3	89.4	120	ug/Kg
84-66-2	Diethylphthalate	55.1	U	55.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.9	U	58.9	89.4	120	ug/Kg
86-73-7	Fluorene	58.8	U	58.8	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	73.6	U	73.6	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.4	U	80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.1	U	56.1	89.4	120	ug/Kg
103-33-3	Azobenzene	54.7	U	54.7	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.2	U	54.2	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	58.4	U	58.4	89.4	120	ug/Kg
1912-24-9	Atrazine	62.8	U	62.8	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF091724
Lab Sample ID:	P3985-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139400.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.1	U	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	57.8	U	57.8	89.4	120	ug/Kg
120-12-7	Anthracene	58	U	58	89.4	120	ug/Kg
86-74-8	Carbazole	55.2	U	55.2	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	89.4	120	ug/Kg
206-44-0	Fluoranthene	56.2	U	56.2	89.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.1	U	57.1	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.6	U	66.6	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.8	U	67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.5	U	55.5	89.4	120	ug/Kg
218-01-9	Chrysene	54.7	U	54.7	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.6	U	62.6	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.6	U	75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.8	U	55.8	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.8	U	56.8	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.9	U	63.9	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.7	U	53.7	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.8	U	55.8	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.1	U	55.1	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.7	U	59.7	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	75.6	U	75.6	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.4	U	51.4	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.2	U	57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.641		18-112		54	SPK: -150
13127-88-3	Phenol-d6	86.749		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	57.65		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	60.249		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF091724
Lab Sample ID:	P3985-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139400.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.283		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	56.087		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67297	6.875				
1146-65-2	Naphthalene-d8	245002	8.157				
15067-26-2	Acenaphthene-d10	133986	9.91				
1517-22-2	Phenanthrene-d10	217178	11.392				
1719-03-5	Chrysene-d12	116659	14.027				
1520-96-3	Perylene-d12	102357	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.193	
	unknown3.399	73.6	J			3.399	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.099	
000770-35-4	1-Phenoxypropan-2-ol	51.1	J			8.469	
000119-61-9	Benzophenone	130	J			10.622	
000057-10-3	n-Hexadecanoic acid	87.3	J			11.916	
1000406-04-8	Pentadecafluorooctanoic acid, octa	91.4	J			13.874	
000192-97-2	Benzo[e]pyrene	45.8	J			15.069	
000473-13-2	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	67.4	J			17.145	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MS	SDG No.:	BF091724
Lab Sample ID:	P3985-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139401.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	990		59.7	190	230	ug/Kg
110-86-1	Pyridine	970		54.9	89.4	120	ug/Kg
100-52-7	Benzaldehyde	310		130	190	230	ug/Kg
62-53-3	Aniline	950		66.6	89.4	120	ug/Kg
108-95-2	Phenol	1100		57	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		57.5	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.4	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	990		58.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		59.1	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		59.5	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		62.5	89.4	120	ug/Kg
98-86-2	Acetophenone	1000		59.7	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	1000		57.1	89.4	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.4	89.4	120	ug/Kg
78-59-1	Isophorone	1100		58.2	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.1	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.9	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		58.7	89.4	120	ug/Kg
65-85-0	Benzoic acid	950		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		56.8	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	360		56.8	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		57.3	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MS	SDG No.:	BF091724
Lab Sample ID:	P3985-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139401.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.3	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.7	89.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.1	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.9	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.1	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		57.3	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56.2	89.4	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.5	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.2	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	620		61.3	89.4	120	ug/Kg
83-32-9	Acenaphthene	1200		55.7	89.4	120	ug/Kg
Total PAH	Total PAH	16280		910.9	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1800		79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58	89.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		59.3	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.5	89.4	240	ug/Kg
84-66-2	Diethylphthalate	1100		55.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58.8	89.4	120	ug/Kg
86-73-7	Fluorene	1000		58.8	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	860		73.6	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		56.1	89.4	120	ug/Kg
103-33-3	Azobenzene	1200		54.7	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		54.2	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58.4	89.4	120	ug/Kg
1912-24-9	Atrazine	1600		62.8	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MS	SDG No.:	BF091724
Lab Sample ID:	P3985-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139401.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	1100		57.7	89.4	120	ug/Kg
120-12-7	Anthracene	1100		58	89.4	120	ug/Kg
86-74-8	Carbazole	990		55.2	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57.9	89.4	120	ug/Kg
206-44-0	Fluoranthene	880		56.2	89.4	120	ug/Kg
92-87-5	Benzidine	1500		110	190	230	ug/Kg
129-00-0	Pyrene	950		57.1	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		66.5	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830		67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.5	89.4	120	ug/Kg
218-01-9	Chrysene	1100		54.6	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		62.6	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.7	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		56.8	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.9	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		53.7	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	710		55.8	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		55.1	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.7	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	850		75.6	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		51.3	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.118		18-112		54	SPK: -150
13127-88-3	Phenol-d6	84.188		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	56.148		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.858		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MS	SDG No.:	BF091724
Lab Sample ID:	P3985-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139401.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.241		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	54.57		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65936	6.881				
1146-65-2	Naphthalene-d8	245326	8.163				
15067-26-2	Acenaphthene-d10	133612	9.916				
1517-22-2	Phenanthrene-d10	209074	11.398				
1719-03-5	Chrysene-d12	115674	14.033				
1520-96-3	Perylene-d12	100599	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MSD	SDG No.:	BF091724
Lab Sample ID:	P3985-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139402.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		59.7	190	230	ug/Kg
110-86-1	Pyridine	1000		54.9	89.3	120	ug/Kg
100-52-7	Benzaldehyde	310		130	190	230	ug/Kg
62-53-3	Aniline	990		66.6	89.3	120	ug/Kg
108-95-2	Phenol	1100		57	89.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.5	89.3	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.4	89.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		58.1	89.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.1	89.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		59.4	89.3	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.4	89.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		62.5	89.3	120	ug/Kg
98-86-2	Acetophenone	1100		59.7	89.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	1000		57	89.3	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.4	89.3	120	ug/Kg
78-59-1	Isophorone	1200		58.1	89.3	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.9	89.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.1	89.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59	89.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.9	89.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		58.7	89.3	120	ug/Kg
65-85-0	Benzoic acid	1000		160	190	230	ug/Kg
91-20-3	Naphthalene	1100		56.8	89.3	120	ug/Kg
106-47-8	4-Chloroaniline	360		56.8	89.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		57.2	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MSD	SDG No.:	BF091724
Lab Sample ID:	P3985-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139402.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.3	89.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.7	89.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.1	89.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.9	89.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.1	89.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.2	89.3	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.3	89.3	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56.1	89.3	120	ug/Kg
208-96-8	Acenaphthylene	1200		59.4	89.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.2	89.3	120	ug/Kg
99-09-2	3-Nitroaniline	620		61.3	89.3	120	ug/Kg
83-32-9	Acenaphthene	1200		55.7	89.3	120	ug/Kg
Total PAH	Total PAH	17140		910.5	89.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1900	E	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58	89.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		116.4	89.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.2	89.3	120	ug/Kg
84-66-2	Diethylphthalate	1100		55	89.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.8	89.3	120	ug/Kg
86-73-7	Fluorene	1000		58.8	89.3	120	ug/Kg
100-01-6	4-Nitroaniline	860		73.5	89.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		56.1	89.3	120	ug/Kg
103-33-3	Azobenzene	1200		54.7	89.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		54.2	89.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		58.4	89.3	120	ug/Kg
1912-24-9	Atrazine	1700		62.8	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MSD	SDG No.:	BF091724
Lab Sample ID:	P3985-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139402.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	1200		57.7	89.3	120	ug/Kg
120-12-7	Anthracene	1200		58	89.3	120	ug/Kg
86-74-8	Carbazole	1000		55.2	89.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.9	89.3	120	ug/Kg
206-44-0	Fluoranthene	930		56.1	89.3	120	ug/Kg
92-87-5	Benzidine	1600		110	190	230	ug/Kg
129-00-0	Pyrene	950		57	89.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		66.5	89.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55.5	89.3	120	ug/Kg
218-01-9	Chrysene	1100		54.6	89.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62.5	89.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		55.7	89.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		56.8	89.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		63.9	89.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740		53.7	89.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740		55.8	89.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		55	89.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.7	89.3	120	ug/Kg
123-91-1	1,4-Dioxane	890		75.6	89.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.3	89.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.228		18-112		55	SPK: -150
13127-88-3	Phenol-d6	88.354		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	58.945		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	61.127		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-7MSD	SDG No.:	BF091724
Lab Sample ID:	P3985-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139402.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.566		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	54.445		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63641	6.881				
1146-65-2	Naphthalene-d8	237730	8.163				
15067-26-2	Acenaphthene-d10	127420	9.916				
1517-22-2	Phenanthrene-d10	190204	11.398				
1719-03-5	Chrysene-d12	112114	14.033				
1520-96-3	Perylene-d12	97799	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	HD-02-091224DL	SDG No.:	BF091724
Lab Sample ID:	P3980-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF139403.D	10	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	830	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	830	1100	ug/Kg
108-95-2	Phenol	530	U	530	830	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	830	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	830	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	830	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	830	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	830	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	830	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	830	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	830	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	830	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	830	1100	ug/Kg
78-59-1	Isophorone	540	U	540	830	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	830	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	830	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	830	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	830	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	830	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	830	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	830	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	HD-02-091224DL	SDG No.:	BF091724
Lab Sample ID:	P3980-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF139403.D	10	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	830	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	830	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	830	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	830	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	830	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	830	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	830	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	830	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	830	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	830	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	830	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	830	1100	ug/Kg
Total PAH	Total PAH	29600	D	8480	830	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	830	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	830	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	830	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	830	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	830	1100	ug/Kg
86-73-7	Fluorene	550	U	550	830	1100	ug/Kg
100-01-6	4-Nitroaniline	680	U	680	830	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	830	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	830	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	830	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	830	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	HD-02-091224DL	SDG No.:	BF091724
Lab Sample ID:	P3980-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF139403.D	10	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	3400	D	540	830	1100	ug/Kg
120-12-7	Anthracene	1100	D	540	830	1100	ug/Kg
86-74-8	Carbazole	510	U	510	830	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	830	1100	ug/Kg
206-44-0	Fluoranthene	6100	D	520	830	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	4100	D	530	830	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	830	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2800	D	520	830	1100	ug/Kg
218-01-9	Chrysene	2200	D	510	830	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	830	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	700	U	700	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	D	520	830	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	D	530	830	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2700	D	590	830	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	500	830	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	830	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	D	510	830	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	830	1100	ug/Kg
123-91-1	1,4-Dioxane	700	U	700	830	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	830	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.92		18-112		60	SPK: -150
13127-88-3	Phenol-d6	89.83		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	64.27		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	71.71		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	HD-02-091224DL	SDG No.:	BF091724
Lab Sample ID:	P3980-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
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
BF139403.D	10	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.95		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	59.39		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63388	6.875				
1146-65-2	Naphthalene-d8	230117	8.157				
15067-26-2	Acenaphthene-d10	109735	9.91				
1517-22-2	Phenanthrene-d10	143012	11.392				
1719-03-5	Chrysene-d12	108345	14.027				
1520-96-3	Perylene-d12	69331	15.498				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P3989-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF139404.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.1	U	60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P3989-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF139404.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.3	U	52.3	83.9	110	ug/Kg
Total PAH	Total PAH	3878.8		855.1	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.8	U	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	54.5	U	54.5	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	49.3	U	109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P3989-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF139404.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	350		54.2	83.9	110	ug/Kg
120-12-7	Anthracene	100	J	54.5	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	600		52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	540		53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	400		52.1	83.9	110	ug/Kg
218-01-9	Chrysene	350		51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	400		60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180		50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.8	J	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.326		18-112		62	SPK: -150
13127-88-3	Phenol-d6	90.982		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	65.224		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	69.831		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P3989-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF139404.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.858		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	63.276		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66833	6.881				
1146-65-2	Naphthalene-d8	239430	8.157				
15067-26-2	Acenaphthene-d10	110099	9.91				
1517-22-2	Phenanthrene-d10	158871	11.398				
1719-03-5	Chrysene-d12	103786	14.033				
1520-96-3	Perylene-d12	73888	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.098	
000119-61-9	Benzophenone	130	J			10.622	
	unknown10.822	85	J			10.822	
	unknown11.257	44.3	J			11.257	
002531-84-2	Phenanthrene, 2-methyl-	230	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.01	
000781-43-1	9,10-Dimethylanthracene	54.4	J			12.445	
	unknown12.480	47.1	J			12.48	
000243-17-4	11H-Benzo[b]fluorene	55.9	J			13.051	
033543-31-6	Fluoranthene, 2-methyl-	72.3	J			13.163	
330207-53-9	E-14-Hexadecenal	85.2	J			13.874	
000192-97-2	Benzo[e]pyrene	310	J			15.374	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3989-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139405.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.5	U	62.5	190	240	ug/Kg
110-86-1	Pyridine	57.5	U	57.5	93.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.8	U	69.8	93.6	120	ug/Kg
108-95-2	Phenol	59.7	U	59.7	93.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.3	U	60.3	93.6	120	ug/Kg
95-57-8	2-Chlorophenol	60.1	U	60.1	93.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.9	U	60.9	93.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.9	U	61.9	93.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.3	U	62.3	93.6	120	ug/Kg
100-51-6	Benzyl Alcohol	59.8	U	59.8	190	240	ug/Kg
95-48-7	2-Methylphenol	58	U	58	93.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.5	U	65.5	93.6	120	ug/Kg
98-86-2	Acetophenone	62.6	U	62.6	93.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.5	U	57.5	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29	U	29	57.6	57.6	ug/Kg
67-72-1	Hexachloroethane	59.8	U	59.8	93.6	120	ug/Kg
98-95-3	Nitrobenzene	65.4	U	65.4	93.6	120	ug/Kg
78-59-1	Isophorone	60.9	U	60.9	93.6	120	ug/Kg
88-75-5	2-Nitrophenol	68.1	U	68.1	93.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.1	U	67.1	93.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.8	U	61.8	93.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.4	U	54.4	93.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.5	U	61.5	93.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	66.7	J	59.5	93.6	120	ug/Kg
106-47-8	4-Chloroaniline	59.5	U	59.5	93.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	93.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3989-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139405.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.5	U	62.5	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.8	U	55.8	93.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	81.3	J	59.4	93.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.4	U	51.4	93.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.3	U	53.3	93.6	120	ug/Kg
92-52-4	1,1-Biphenyl	62.9	U	62.9	93.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	60	93.6	120	ug/Kg
88-74-4	2-Nitroaniline	68.4	U	68.4	93.6	120	ug/Kg
131-11-3	Dimethylphthalate	58.8	U	58.8	93.6	120	ug/Kg
208-96-8	Acenaphthylene	62.3	U	62.3	93.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.9	U	59.9	93.6	120	ug/Kg
99-09-2	3-Nitroaniline	64.2	U	64.2	93.6	120	ug/Kg
83-32-9	Acenaphthene	58.4	U	58.4	93.6	120	ug/Kg
Total PAH	Total PAH	954.4	U	954.4	93.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	83.5	U	83.5	190	240	ug/Kg
132-64-9	Dibenzofuran	60.8	U	60.8	93.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	122	U	122	93.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.1	U	62.1	93.6	120	ug/Kg
84-66-2	Diethylphthalate	57.7	U	57.7	93.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.6	U	61.6	93.6	120	ug/Kg
86-73-7	Fluorene	61.6	U	61.6	93.6	120	ug/Kg
100-01-6	4-Nitroaniline	77.1	U	77.1	93.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84.3	U	84.3	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.8	U	58.8	93.6	120	ug/Kg
103-33-3	Azobenzene	57.3	U	57.3	93.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.8	U	56.8	93.6	120	ug/Kg
118-74-1	Hexachlorobenzene	61.2	U	61.2	93.6	120	ug/Kg
1912-24-9	Atrazine	65.8	U	65.8	93.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3989-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139405.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.7	U	55.7	190	240	ug/Kg
85-01-8	Phenanthrene	110	J	60.5	93.6	120	ug/Kg
120-12-7	Anthracene	60.8	U	60.8	93.6	120	ug/Kg
86-74-8	Carbazole	57.8	U	57.8	93.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.7	U	60.7	93.6	120	ug/Kg
206-44-0	Fluoranthene	140		58.8	93.6	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	130		59.8	93.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.7	U	69.7	93.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	90.4	J	58.1	93.6	120	ug/Kg
218-01-9	Chrysene	80.4	J	57.3	93.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.5	U	65.5	93.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79.2	U	79.2	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	120		58.4	93.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.5	U	59.5	93.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	93	J	67	93.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56.2	U	56.2	93.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.5	U	58.5	93.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60.3	J	57.7	93.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.5	U	62.5	93.6	120	ug/Kg
123-91-1	1,4-Dioxane	79.2	U	79.2	93.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	53.8	93.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.9	J	59.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.361		18-112		57	SPK: -150
13127-88-3	Phenol-d6	85.468		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	64.218		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	68.394		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3989-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
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
BF139405.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.736		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	57.144		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60562	6.881				
1146-65-2	Naphthalene-d8	216558	8.157				
15067-26-2	Acenaphthene-d10	94517	9.91				
1517-22-2	Phenanthrene-d10	145147	11.398				
1719-03-5	Chrysene-d12	100931	14.027				
1520-96-3	Perylene-d12	66817	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
000526-73-8	Benzene, 1,2,3-trimethyl-	58.8	J			6.704	
000112-04-9	Silane, trichlorooctadecyl-	54.5	J			9.31	
000581-40-8	Naphthalene, 2,3-dimethyl-	57.6	J			9.569	
000112-40-3	Dodecane	56.2	J			9.627	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	77.3	J			10.333	
000119-61-9	Benzophenone	91.5	J			10.622	
017312-53-7	Decane, 3,6-dimethyl-	190	J			10.822	
000057-10-3	n-Hexadecanoic acid	230	J			11.916	
055124-79-3	Heptadecane, 9-hexyl-	55.2	J			13.21	
000544-76-3	Hexadecane	55.9	J			13.551	
110225-00-8	1-Dodecanol, 2-hexyl-	130	J			13.874	
000629-78-7	Heptadecane	59.3	J			14.192	
000630-02-4	Octacosane	70.6	J			14.498	
000593-45-3	Octadecane	75.1	J			14.804	
000629-92-5	Nonadecane	120	J			15.145	
	unknown	16.962	J			16.962	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
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
BF139406.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.4	U	61.4	190	230	ug/Kg
110-86-1	Pyridine	56.5	U	56.5	91.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.5	U	68.5	91.9	120	ug/Kg
108-95-2	Phenol	58.6	U	58.6	91.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.2	U	59.2	91.9	120	ug/Kg
95-57-8	2-Chlorophenol	59.1	U	59.1	91.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.8	U	59.8	91.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.8	U	60.8	91.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.2	U	61.2	91.9	120	ug/Kg
100-51-6	Benzyl Alcohol	58.7	U	58.7	190	230	ug/Kg
95-48-7	2-Methylphenol	57	U	57	91.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.3	U	64.3	91.9	120	ug/Kg
98-86-2	Acetophenone	61.5	U	61.5	91.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.4	U	56.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.5	U	28.5	56.6	56.6	ug/Kg
67-72-1	Hexachloroethane	58.7	U	58.7	91.9	120	ug/Kg
98-95-3	Nitrobenzene	64.2	U	64.2	91.9	120	ug/Kg
78-59-1	Isophorone	59.8	U	59.8	91.9	120	ug/Kg
88-75-5	2-Nitrophenol	66.8	U	66.8	91.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.9	U	65.9	91.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.7	U	60.7	91.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.4	U	53.4	91.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.4	U	60.4	91.9	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	310		58.4	91.9	120	ug/Kg
106-47-8	4-Chloroaniline	58.4	U	58.4	91.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.9	U	58.9	91.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
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
BF139406.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.4	U	61.4	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.8	U	54.8	91.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	140		58.3	91.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.5	U	50.5	91.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.3	U	52.3	91.9	120	ug/Kg
92-52-4	1,1-Biphenyl	61.8	U	61.8	91.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.9	U	58.9	91.9	120	ug/Kg
88-74-4	2-Nitroaniline	67.2	U	67.2	91.9	120	ug/Kg
131-11-3	Dimethylphthalate	57.8	U	57.8	91.9	120	ug/Kg
208-96-8	Acenaphthylene	61.2	U	61.2	91.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.8	U	58.8	91.9	120	ug/Kg
99-09-2	3-Nitroaniline	63.1	U	63.1	91.9	120	ug/Kg
83-32-9	Acenaphthene	57.4	U	57.4	91.9	120	ug/Kg
Total PAH	Total PAH	937.3	U	937.3	91.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	82	U	82	190	230	ug/Kg
132-64-9	Dibenzofuran	59.7	U	59.7	91.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	91.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	19.8	U	119.8	91.9	240	ug/Kg
84-66-2	Diethylphthalate	56.7	U	56.7	91.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.5	U	60.5	91.9	120	ug/Kg
86-73-7	Fluorene	60.5	U	60.5	91.9	120	ug/Kg
100-01-6	4-Nitroaniline	75.7	U	75.7	91.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.7	U	82.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.7	U	57.7	91.9	120	ug/Kg
103-33-3	Azobenzene	56.3	U	56.3	91.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.8	U	55.8	91.9	120	ug/Kg
118-74-1	Hexachlorobenzene	60.1	U	60.1	91.9	120	ug/Kg
1912-24-9	Atrazine	64.6	U	64.6	91.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
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
BF139406.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.7	U	54.7	190	230	ug/Kg
85-01-8	Phenanthrene	92.4	J	59.4	91.9	120	ug/Kg
120-12-7	Anthracene	78.3	J	59.7	91.9	120	ug/Kg
86-74-8	Carbazole	56.8	U	56.8	91.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.6	U	59.6	91.9	120	ug/Kg
206-44-0	Fluoranthene	100	J	57.8	91.9	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	230	ug/Kg
129-00-0	Pyrene	75.1	J	58.7	91.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.5	U	68.5	91.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.7	U	69.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	57.1	U	57.1	91.9	120	ug/Kg
218-01-9	Chrysene	56.2	U	56.2	91.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.4	U	64.4	91.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.8	U	77.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	57.4	U	57.4	91.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.4	U	58.4	91.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.8	U	65.8	91.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55.2	U	55.2	91.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.4	U	57.4	91.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.7	U	56.7	91.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.4	U	61.4	91.9	120	ug/Kg
123-91-1	1,4-Dioxane	77.8	U	77.8	91.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.8	U	52.8	91.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	73.9	J	58.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.948		18-112		57	SPK: -150
13127-88-3	Phenol-d6	83.462		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.307		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	64.511		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
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
BF139406.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.226		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	54.585		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62180	6.875				
1146-65-2	Naphthalene-d8	217804	8.157				
15067-26-2	Acenaphthene-d10	96570	9.91				
1517-22-2	Phenanthrene-d10	136346	11.392				
1719-03-5	Chrysene-d12	101545	14.027				
1520-96-3	Perylene-d12	67255	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.187	
	unknown3.387	70.7	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.099	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	72.1	J			8.469	
000112-04-9	Silane, trichlorooctadecyl-	74.3	J			9.31	
000629-62-9	Pentadecane	81.8	J			9.839	
	unknown10.004	62.7	J			10.004	
000112-40-3	Dodecane	96.9	J			10.339	
000119-61-9	Benzophenone	66.7	J			10.622	
000629-50-5	Tridecane	200	J			10.816	
000593-45-3	Octadecane	67.7	J			11.257	
000057-10-3	n-Hexadecanoic acid	130	J			11.916	
000544-76-3	Hexadecane	68.6	J			13.545	
1000351-81-0	Tricosyl pentafluoropropionate	320	J			13.874	
007098-22-8	Tetratetracontane	85.1	J			14.192	
001599-67-3	1-Docosene	340	J			14.504	
000630-02-4	Octacosane	120	J			14.804	
000629-92-5	Nonadecane	120	J			15.145	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091724
Lab Sample ID:	P3985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
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
BF139406.D	1	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
055333-99-8	Eicosane, 7-hexyl-	60.1	J			15.969	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P4002-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139407.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.9	U	60.9	190	230	ug/Kg
110-86-1	Pyridine	56.1	U	56.1	91.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68	U	68	91.3	120	ug/Kg
108-95-2	Phenol	58.2	U	58.2	91.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.8	U	58.8	91.3	120	ug/Kg
95-57-8	2-Chlorophenol	58.6	U	58.6	91.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.4	U	59.4	91.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.4	U	60.4	91.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.3	120	ug/Kg
100-51-6	Benzyl Alcohol	58.3	U	58.3	190	230	ug/Kg
95-48-7	2-Methylphenol	56.6	U	56.6	91.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.8	U	63.8	91.3	120	ug/Kg
98-86-2	Acetophenone	61	U	61	91.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	56	U	56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.2	56.2	ug/Kg
67-72-1	Hexachloroethane	58.3	U	58.3	91.3	120	ug/Kg
98-95-3	Nitrobenzene	63.8	U	63.8	91.3	120	ug/Kg
78-59-1	Isophorone	59.4	U	59.4	91.3	120	ug/Kg
88-75-5	2-Nitrophenol	66.4	U	66.4	91.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.4	U	65.4	91.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.2	U	60.2	91.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	91.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60	U	60	91.3	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58	U	58	91.3	120	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	91.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.5	U	58.5	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P4002-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139407.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.9	U	60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.4	U	54.4	91.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.9	U	57.9	91.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.1	U	50.1	91.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	91.3	120	ug/Kg
92-52-4	1,1-Biphenyl	61.4	U	61.4	91.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.5	U	58.5	91.3	120	ug/Kg
88-74-4	2-Nitroaniline	66.7	U	66.7	91.3	120	ug/Kg
131-11-3	Dimethylphthalate	57.4	U	57.4	91.3	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.4	U	58.4	91.3	120	ug/Kg
99-09-2	3-Nitroaniline	62.6	U	62.6	91.3	120	ug/Kg
83-32-9	Acenaphthene	56.9	U	56.9	91.3	120	ug/Kg
Total PAH	Total PAH	1825.5	U	930.3	91.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.5	U	81.5	190	230	ug/Kg
132-64-9	Dibenzofuran	59.3	U	59.3	91.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.9	U	118.9	91.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.5	U	60.5	91.3	120	ug/Kg
84-66-2	Diethylphthalate	56.2	U	56.2	91.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.1	U	60.1	91.3	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.3	120	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	91.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.2	U	82.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.3	U	57.3	91.3	120	ug/Kg
103-33-3	Azobenzene	55.9	U	55.9	91.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.4	U	55.4	91.3	120	ug/Kg
118-74-1	Hexachlorobenzene	59.7	U	59.7	91.3	120	ug/Kg
1912-24-9	Atrazine	64.2	U	64.2	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P4002-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139407.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.3	U	54.3	190	230	ug/Kg
85-01-8	Phenanthrene	160		59	91.3	120	ug/Kg
120-12-7	Anthracene	59.3	U	59.3	91.3	120	ug/Kg
86-74-8	Carbazole	56.4	U	56.4	91.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.2	U	59.2	91.3	120	ug/Kg
206-44-0	Fluoranthene	300		57.4	91.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	240		58.3	91.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	68	91.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.2	U	69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	180		56.7	91.3	120	ug/Kg
218-01-9	Chrysene	170		55.8	91.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.9	U	63.9	91.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.2	U	77.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		56.9	91.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.5	J	58	91.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	180		65.3	91.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	54.8	91.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	91.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140		56.2	91.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	91.3	120	ug/Kg
123-91-1	1,4-Dioxane	77.2	U	77.2	91.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.5	U	52.5	91.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.4	U	58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.609		18-112		79	SPK: -150
13127-88-3	Phenol-d6	116.663		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	87.45		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	91.773		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091724
Lab Sample ID:	P4002-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139407.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.883		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	75.802		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57965	6.881				
1146-65-2	Naphthalene-d8	200120	8.157				
15067-26-2	Acenaphthene-d10	90310	9.91				
1517-22-2	Phenanthrene-d10	134117	11.398				
1719-03-5	Chrysene-d12	95900	14.033				
1520-96-3	Perylene-d12	65659	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.104	
000119-61-9	Benzophenone	110	J			10.622	
000057-10-3	n-Hexadecanoic acid	200	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	56.2	J			12.01	
002381-21-7	Pyrene, 1-methyl-	56.9	J			13.157	
001599-67-3	1-Docosene	140	J			13.868	
074339-54-1	Trichloroacetic acid, hexadecyl es	150	J			14.504	
000192-97-2	Benzo[e]pyrene	180	J			15.374	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MS	SDG No.:	BF091724
Lab Sample ID:	P4002-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139408.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.9	190	230	ug/Kg
110-86-1	Pyridine	1100		56.1	91.2	120	ug/Kg
100-52-7	Benzaldehyde	340		130	190	230	ug/Kg
62-53-3	Aniline	560		68	91.2	120	ug/Kg
108-95-2	Phenol	1100		58.2	91.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58.7	91.2	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.6	91.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		59.4	91.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		60.3	91.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60.7	91.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		58.2	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		56.6	91.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		63.8	91.2	120	ug/Kg
98-86-2	Acetophenone	1100		61	91.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		28.3	56.1	56.1	ug/Kg
67-72-1	Hexachloroethane	1100		58.2	91.2	120	ug/Kg
98-95-3	Nitrobenzene	1100		63.7	91.2	120	ug/Kg
78-59-1	Isophorone	1200		59.4	91.2	120	ug/Kg
88-75-5	2-Nitrophenol	1200		66.3	91.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		65.4	91.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		60.2	91.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		53	91.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.9	91.2	120	ug/Kg
65-85-0	Benzoic acid	960		170	190	230	ug/Kg
91-20-3	Naphthalene	1100		58	91.2	120	ug/Kg
106-47-8	4-Chloroaniline	190		58	91.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58.5	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MS	SDG No.:	BF091724
Lab Sample ID:	P4002-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139408.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		54.4	91.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.9	91.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1700		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50.1	91.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.9	91.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		61.3	91.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.5	91.2	120	ug/Kg
88-74-4	2-Nitroaniline	1100		66.7	91.2	120	ug/Kg
131-11-3	Dimethylphthalate	1200		57.3	91.2	120	ug/Kg
208-96-8	Acenaphthylene	1200		60.7	91.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58.4	91.2	120	ug/Kg
99-09-2	3-Nitroaniline	590		62.6	91.2	120	ug/Kg
83-32-9	Acenaphthene	1100		56.9	91.2	120	ug/Kg
Total PAH	Total PAH	19990		929.8	91.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1800		81.4	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		59.2	91.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		118.9	91.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		60.5	91.2	120	ug/Kg
84-66-2	Diethylphthalate	1100		56.2	91.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		60.1	91.2	120	ug/Kg
86-73-7	Fluorene	990		60	91.2	120	ug/Kg
100-01-6	4-Nitroaniline	760		75.1	91.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	770		82.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		57.3	91.2	120	ug/Kg
103-33-3	Azobenzene	1100		55.9	91.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		55.4	91.2	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		59.6	91.2	120	ug/Kg
1912-24-9	Atrazine	1700		64.1	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MS	SDG No.:	BF091724
Lab Sample ID:	P4002-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139408.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	54.2	190	230	ug/Kg
85-01-8	Phenanthrene	1300		58.9	91.2	120	ug/Kg
120-12-7	Anthracene	1300		59.2	91.2	120	ug/Kg
86-74-8	Carbazole	1200		56.3	91.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		59.2	91.2	120	ug/Kg
206-44-0	Fluoranthene	1400		57.3	91.2	120	ug/Kg
92-87-5	Benzidine	1700		110	190	230	ug/Kg
129-00-0	Pyrene	1400		58.2	91.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		67.9	91.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	760		69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1400		56.6	91.2	120	ug/Kg
218-01-9	Chrysene	1300		55.8	91.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		63.9	91.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		77.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		56.9	91.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		58	91.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		65.3	91.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.8	91.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		57	91.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		56.2	91.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.9	91.2	120	ug/Kg
123-91-1	1,4-Dioxane	950		77.2	91.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		52.4	91.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.892		18-112		79	SPK: -150
13127-88-3	Phenol-d6	117.164		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	84.963		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.077		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MS	SDG No.:	BF091724
Lab Sample ID:	P4002-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139408.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.986		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	79.212		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60197	6.881				
1146-65-2	Naphthalene-d8	215551	8.163				
15067-26-2	Acenaphthene-d10	100249	9.916				
1517-22-2	Phenanthrene-d10	143841	11.398				
1719-03-5	Chrysene-d12	92962	14.033				
1520-96-3	Perylene-d12	65242	15.504				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MSD	SDG No.:	BF091724
Lab Sample ID:	P4002-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139409.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.9	190	230	ug/Kg
110-86-1	Pyridine	1100		56.1	91.3	120	ug/Kg
100-52-7	Benzaldehyde	350		130	190	230	ug/Kg
62-53-3	Aniline	640		68	91.3	120	ug/Kg
108-95-2	Phenol	1200		58.2	91.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58.8	91.3	120	ug/Kg
95-57-8	2-Chlorophenol	1200		58.6	91.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		59.4	91.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		60.4	91.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60.7	91.3	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		58.3	190	230	ug/Kg
95-48-7	2-Methylphenol	1200		56.6	91.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		63.8	91.3	120	ug/Kg
98-86-2	Acetophenone	1200		61	91.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		28.3	56.2	56.2	ug/Kg
67-72-1	Hexachloroethane	1100		58.3	91.3	120	ug/Kg
98-95-3	Nitrobenzene	1100		63.7	91.3	120	ug/Kg
78-59-1	Isophorone	1300		59.4	91.3	120	ug/Kg
88-75-5	2-Nitrophenol	1200		66.3	91.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		65.4	91.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		60.2	91.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		53	91.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		60	91.3	120	ug/Kg
65-85-0	Benzoic acid	1000		170	190	230	ug/Kg
91-20-3	Naphthalene	1200		58	91.3	120	ug/Kg
106-47-8	4-Chloroaniline	230		58	91.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58.5	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MSD	SDG No.:	BF091724
Lab Sample ID:	P4002-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139409.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.4	91.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.9	91.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		50.1	91.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.9	91.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1300		61.4	91.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		58.5	91.3	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.7	91.3	120	ug/Kg
131-11-3	Dimethylphthalate	1300		57.4	91.3	120	ug/Kg
208-96-8	Acenaphthylene	1200		60.7	91.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		58.4	91.3	120	ug/Kg
99-09-2	3-Nitroaniline	640		62.6	91.3	120	ug/Kg
83-32-9	Acenaphthene	1200		56.9	91.3	120	ug/Kg
Total PAH	Total PAH	20800		930.3	91.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2000	E	81.4	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		59.3	91.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		60.5	91.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		118.9	91.3	240	ug/Kg
84-66-2	Diethylphthalate	1200		56.2	91.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		60.1	91.3	120	ug/Kg
86-73-7	Fluorene	1100		60	91.3	120	ug/Kg
100-01-6	4-Nitroaniline	850		75.1	91.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	880		82.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		57.3	91.3	120	ug/Kg
103-33-3	Azobenzene	1200		55.9	91.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		55.4	91.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		59.7	91.3	120	ug/Kg
1912-24-9	Atrazine	1800		64.2	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MSD	SDG No.:	BF091724
Lab Sample ID:	P4002-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139409.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	54.3	190	230	ug/Kg
85-01-8	Phenanthrene	1400		59	91.3	120	ug/Kg
120-12-7	Anthracene	1300		59.3	91.3	120	ug/Kg
86-74-8	Carbazole	1200		56.4	91.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1400		59.2	91.3	120	ug/Kg
206-44-0	Fluoranthene	1500		57.4	91.3	120	ug/Kg
92-87-5	Benzidine	2000	E	110	190	230	ug/Kg
129-00-0	Pyrene	1500		58.3	91.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1500		68	91.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1400		56.7	91.3	120	ug/Kg
218-01-9	Chrysene	1300		55.8	91.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		63.9	91.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		77.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		56.9	91.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		58	91.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		65.3	91.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.8	91.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		57	91.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		56.2	91.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		60.9	91.3	120	ug/Kg
123-91-1	1,4-Dioxane	960		77.2	91.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		52.4	91.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.583		18-112		81	SPK: -150
13127-88-3	Phenol-d6	120.977		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	86.888		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	92.057		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2MSD	SDG No.:	BF091724
Lab Sample ID:	P4002-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
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
BF139409.D	1	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.285		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	83.678		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57932	6.881				
1146-65-2	Naphthalene-d8	206093	8.163				
15067-26-2	Acenaphthene-d10	95833	9.916				
1517-22-2	Phenanthrene-d10	142428	11.398				
1719-03-5	Chrysene-d12	90734	14.033				
1520-96-3	Perylene-d12	64580	15.504				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF091724
Lab Sample ID:	P4002-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF139410.D	2	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	54.2	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF091724
Lab Sample ID:	P4002-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF139410.D	2	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.5	U	99.5	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1770	U	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF091724
Lab Sample ID:	P4002-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF139410.D	2	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	110	U	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.128		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.312		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	65.588		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	70.226		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF091724
Lab Sample ID:	P4002-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF139410.D	2	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.476		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	72.026		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64359	6.875				
1146-65-2	Naphthalene-d8	219348	8.157				
15067-26-2	Acenaphthene-d10	96992	9.91				
1517-22-2	Phenanthrene-d10	161911	11.398				
1719-03-5	Chrysene-d12	99467	14.027				
1520-96-3	Perylene-d12	71993	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.087	
000057-10-3	n-Hexadecanoic acid	210	J			11.916	
074022-04-1	2,4a,8,8-Tetramethyldecahydrocyclo	1100	J			13.504	
018835-33-1	1-Hexacosene	180	J			13.874	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.05	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
BF139411.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	590	720	ug/Kg
110-86-1	Pyridine	170	U	170	280	370	ug/Kg
100-52-7	Benzaldehyde	400	U	400	590	720	ug/Kg
62-53-3	Aniline	210	U	210	280	370	ug/Kg
108-95-2	Phenol	180	U	180	280	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	370	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	370	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	370	ug/Kg
541-73-1	1,3-Dichlorobenzene	190	U	190	280	370	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	190	280	370	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	590	720	ug/Kg
95-48-7	2-Methylphenol	180	U	180	280	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	280	370	ug/Kg
98-86-2	Acetophenone	190	U	190	280	370	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	590	720	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	88	U	88	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	370	ug/Kg
98-95-3	Nitrobenzene	200	U	200	280	370	ug/Kg
78-59-1	Isophorone	180	U	180	280	370	ug/Kg
88-75-5	2-Nitrophenol	210	U	210	280	370	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	280	370	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	370	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	280	370	ug/Kg
65-85-0	Benzoic acid	520	U	520	590	720	ug/Kg
91-20-3	Naphthalene	180	U	180	280	370	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	280	370	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.05	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
BF139411.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	U	190	590	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	280	370	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	280	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	340	U	340	590	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	280	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	370	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	370	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	370	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	280	370	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	280	370	ug/Kg
208-96-8	Acenaphthylene	190	U	190	280	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	370	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	370	ug/Kg
83-32-9	Acenaphthene	180	U	180	280	370	ug/Kg
Total PAH	Total PAH	14140	U	2890	280	5920	ug/Kg
51-28-5	2,4-Dinitrophenol	530	U	530	590	720	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	590	720	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	370	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370	U	370	280	740	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	280	370	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	280	370	ug/Kg
86-73-7	Fluorene	190	U	190	280	370	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	590	720	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	280	370	ug/Kg
103-33-3	Azobenzene	170	U	170	280	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	370	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	280	370	ug/Kg
1912-24-9	Atrazine	200	U	200	280	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.05	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
BF139411.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	170	U	170	590	720	ug/Kg
85-01-8	Phenanthrene	1600		180	280	370	ug/Kg
120-12-7	Anthracene	370		180	280	370	ug/Kg
86-74-8	Carbazole	220	J	180	280	370	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	370	ug/Kg
206-44-0	Fluoranthene	2600		180	280	370	ug/Kg
92-87-5	Benzidine	360	U	360	590	720	ug/Kg
129-00-0	Pyrene	2200		180	280	370	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	280	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	590	720	ug/Kg
56-55-3	Benzo(a)anthracene	1200		180	280	370	ug/Kg
218-01-9	Chrysene	1100		170	280	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	280	370	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	590	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		180	280	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	650		180	280	370	ug/Kg
50-32-8	Benzo(a)pyrene	1200		200	280	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		170	280	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	180	280	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		170	280	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	280	370	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	280	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	370	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	370	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.576		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.304		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	57.034		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	62.968		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.05	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
BF139411.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.75		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	65.01		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64239	6.881				
1146-65-2	Naphthalene-d8	208488	8.157				
15067-26-2	Acenaphthene-d10	93687	9.91				
1517-22-2	Phenanthrene-d10	164195	11.398				
1719-03-5	Chrysene-d12	101207	14.033				
1520-96-3	Perylene-d12	77017	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.081	
000832-69-9	Phenanthrene, 1-methyl-	170	J			11.898	
000613-12-7	Anthracene, 2-methyl-	370	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			12.01	
000084-65-1	9,10-Anthracenedione	160	J			12.21	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			12.445	
005737-13-3	Cyclopenta(def)phenanthrenone	160	J			12.528	
002381-21-7	Pyrene, 1-methyl-	170	J			13.163	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	150	J			13.78	
000479-79-8	11H-Benzo[a]fluoren-11-one	230	J			13.874	
	unknown14.810	250	J			14.81	
000192-97-2	Benzo[e]pyrene	350	J			15.18	
000198-55-0	Perylene	930	J			15.374	
000593-45-3	Octadecane	290	J			15.968	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DN-B-39	SDG No.:	BF091724
Lab Sample ID:	P3963-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139412.D	2	9/12/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	U	200	620	760	ug/Kg
110-86-1	Pyridine	180	U	180	300	390	ug/Kg
100-52-7	Benzaldehyde	420	U	420	620	760	ug/Kg
62-53-3	Aniline	220	U	220	300	390	ug/Kg
108-95-2	Phenol	190	U	190	300	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	190	300	390	ug/Kg
95-57-8	2-Chlorophenol	190	U	190	300	390	ug/Kg
95-50-1	1,2-Dichlorobenzene	200	U	200	300	390	ug/Kg
541-73-1	1,3-Dichlorobenzene	200	U	200	300	390	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	U	200	300	390	ug/Kg
100-51-6	Benzyl Alcohol	190	U	190	620	760	ug/Kg
95-48-7	2-Methylphenol	190	U	190	300	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	300	390	ug/Kg
98-86-2	Acetophenone	200	U	200	300	390	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	180	620	760	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	93.2	U	93.2	190	190	ug/Kg
67-72-1	Hexachloroethane	190	U	190	300	390	ug/Kg
98-95-3	Nitrobenzene	210	U	210	300	390	ug/Kg
78-59-1	Isophorone	200	U	200	300	390	ug/Kg
88-75-5	2-Nitrophenol	220	U	220	300	390	ug/Kg
105-67-9	2,4-Dimethylphenol	220	U	220	300	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200	U	200	300	390	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	300	390	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200	U	200	300	390	ug/Kg
65-85-0	Benzoic acid	550	U	550	620	760	ug/Kg
91-20-3	Naphthalene	190	U	190	300	390	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	300	390	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	300	390	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DN-B-39	SDG No.:	BF091724
Lab Sample ID:	P3963-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139412.D	2	9/12/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	200	U	200	620	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	300	390	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	300	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	360	620	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	300	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	300	390	ug/Kg
92-52-4	1,1-Biphenyl	200	U	200	300	390	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	300	390	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	300	390	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	300	390	ug/Kg
208-96-8	Acenaphthylene	200	U	200	300	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	300	390	ug/Kg
99-09-2	3-Nitroaniline	210	U	210	300	390	ug/Kg
83-32-9	Acenaphthene	190	U	190	300	390	ug/Kg
Total PAH	Total PAH	3080	U	3080	300	6240	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	620	760	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	620	760	ug/Kg
132-64-9	Dibenzofuran	200	U	200	300	390	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	390	U	390	300	780	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	300	390	ug/Kg
84-66-2	Diethylphthalate	190	U	190	300	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200	U	200	300	390	ug/Kg
86-73-7	Fluorene	200	U	200	300	390	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	300	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	620	760	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	190	300	390	ug/Kg
103-33-3	Azobenzene	180	U	180	300	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	300	390	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	300	390	ug/Kg
1912-24-9	Atrazine	210	U	210	300	390	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DN-B-39	SDG No.:	BF091724
Lab Sample ID:	P3963-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139412.D	2	9/12/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	180	U	180	620	760	ug/Kg
85-01-8	Phenanthrene	190	U	190	300	390	ug/Kg
120-12-7	Anthracene	200	U	200	300	390	ug/Kg
86-74-8	Carbazole	190	U	190	300	390	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	300	390	ug/Kg
206-44-0	Fluoranthene	190	U	190	300	390	ug/Kg
92-87-5	Benzidine	380	U	380	620	760	ug/Kg
129-00-0	Pyrene	190	U	190	300	390	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	300	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	U	230	620	760	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	190	300	390	ug/Kg
218-01-9	Chrysene	180	U	180	300	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	300	390	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	620	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	190	300	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	300	390	ug/Kg
50-32-8	Benzo(a)pyrene	220	U	220	300	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	180	300	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	190	300	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	190	300	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	300	390	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	300	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	300	390	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	390	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.056		18-112		59	SPK: -150
13127-88-3	Phenol-d6	88.724		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	66.416		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	68.488		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DN-B-39	SDG No.:	BF091724
Lab Sample ID:	P3963-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139412.D	2	9/12/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.982		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	74.434		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59961	6.881				
1146-65-2	Naphthalene-d8	198820	8.157				
15067-26-2	Acenaphthene-d10	91551	9.91				
1517-22-2	Phenanthrene-d10	166963	11.398				
1719-03-5	Chrysene-d12	96459	14.033				
1520-96-3	Perylene-d12	71315	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.087	
000119-61-9	Benzophenone	290	J			10.621	
000057-10-3	n-Hexadecanoic acid	330	J			11.916	
000301-02-0	9-Octadecenamide, (Z)-	500	J			13.457	
006971-40-0	17-Pentatriacontene	280	J			13.874	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139413.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	570	690	ug/Kg
110-86-1	Pyridine	170	U	170	270	360	ug/Kg
100-52-7	Benzaldehyde	380	U	380	570	690	ug/Kg
62-53-3	Aniline	200	U	200	270	360	ug/Kg
108-95-2	Phenol	170	U	170	270	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	270	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	270	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	270	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	270	360	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	570	690	ug/Kg
95-48-7	2-Methylphenol	170	U	170	270	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	360	ug/Kg
98-86-2	Acetophenone	180	U	180	270	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	570	690	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	84.8	U	84.8	170	170	ug/Kg
67-72-1	Hexachloroethane	170	U	170	270	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	360	ug/Kg
78-59-1	Isophorone	180	U	180	270	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	270	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	270	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	270	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	270	360	ug/Kg
65-85-0	Benzoic acid	500	U	500	570	690	ug/Kg
91-20-3	Naphthalene	360		170	270	360	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	270	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	270	360	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139413.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	570	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	270	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	270	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	570	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	270	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	270	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	270	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	270	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	270	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	270	360	ug/Kg
208-96-8	Acenaphthylene	300	J	180	270	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	270	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	270	360	ug/Kg
83-32-9	Acenaphthene	530		170	270	360	ug/Kg
Total PAH	Total PAH	50100		2780	270	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	570	690	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	570	690	ug/Kg
132-64-9	Dibenzofuran	400		180	270	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	270	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360	U	360	270	720	ug/Kg
84-66-2	Diethylphthalate	170	U	170	270	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	270	360	ug/Kg
86-73-7	Fluorene	590		180	270	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	270	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	570	690	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	270	360	ug/Kg
103-33-3	Azobenzene	170	U	170	270	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	270	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	270	360	ug/Kg
1912-24-9	Atrazine	190	U	190	270	360	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139413.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	570	690	ug/Kg
85-01-8	Phenanthrene	6300	E	180	270	360	ug/Kg
120-12-7	Anthracene	1500		180	270	360	ug/Kg
86-74-8	Carbazole	900		170	270	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	270	360	ug/Kg
206-44-0	Fluoranthene	9200	E	170	270	360	ug/Kg
92-87-5	Benzidine	340	U	340	570	690	ug/Kg
129-00-0	Pyrene	7800	E	170	270	360	ug/Kg
85-68-7	Butylbenzylphthalate	300	J	200	270	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	570	690	ug/Kg
56-55-3	Benzo(a)anthracene	4300		170	270	360	ug/Kg
218-01-9	Chrysene	3600		170	270	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410		190	270	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	570	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	5300		170	270	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		170	270	360	ug/Kg
50-32-8	Benzo(a)pyrene	3900		200	270	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		160	270	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520		170	270	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		170	270	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	270	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	270	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.256		18-112		54	SPK: -150
13127-88-3	Phenol-d6	79.072		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	61.418		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	67.544		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139413.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.692		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	72.328		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61925	6.881				
1146-65-2	Naphthalene-d8	198461	8.157				
15067-26-2	Acenaphthene-d10	88761	9.91				
1517-22-2	Phenanthrene-d10	166150	11.398				
1719-03-5	Chrysene-d12	96470	14.039				
1520-96-3	Perylene-d12	74661	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.087	
007320-53-8	Dibenzofuran, 4-methyl-	250	J			10.616	
000832-69-9	Phenanthrene, 1-methyl-	180	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			12.01	
002381-21-7	Pyrene, 1-methyl-	200	J			13.057	
000243-17-4	11H-Benzo[b]fluorene	290	J			13.163	
003353-12-6	Pyrene, 4-methyl-	200	J			13.269	
000479-79-8	11H-Benzo[a]fluorene-11-one	180	J			13.669	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	220	J			13.78	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	150	J			13.81	
000082-05-3	7H-Benz[de]anthracene-7-one	260	J			13.88	
	unknown14.810	250	J			14.81	
057652-66-1	Benzo[a]pyrene, 4,5-dihydro-	580	J			14.904	
000593-45-3	Octadecane	420	J			15.151	
000192-97-2	Benzo[e]pyrene	830	J			15.186	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	650	J			15.286	
000198-55-0	Perylene	2700	J			15.38	
000215-58-7	Benzo[b]triphenylene	430	J			17.157	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF091724
Lab Sample ID:	P3984-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139413.D	2	9/13/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	560	J			17.657	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	OK-02-09132024	SDG No.:	BF091724
Lab Sample ID:	P4000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139414.D	5	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	850	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	530	ug/Kg
100-52-7	Benzaldehyde	570	U	570	850	1000	ug/Kg
62-53-3	Aniline	300	U	300	410	530	ug/Kg
108-95-2	Phenol	260	U	260	410	530	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	410	530	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	410	530	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	410	530	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	530	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	530	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	850	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	410	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	410	530	ug/Kg
98-86-2	Acetophenone	270	U	270	410	530	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	850	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	530	ug/Kg
98-95-3	Nitrobenzene	280	U	280	410	530	ug/Kg
78-59-1	Isophorone	260	U	260	410	530	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	530	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	410	530	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	530	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	530	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	530	ug/Kg
65-85-0	Benzoic acid	740	U	740	850	1000	ug/Kg
91-20-3	Naphthalene	260	U	260	410	530	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	530	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	OK-02-09132024	SDG No.:	BF091724
Lab Sample ID:	P4000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139414.D	5	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	850	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	410	530	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	530	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	850	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	410	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	410	530	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	410	530	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	530	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	530	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	530	ug/Kg
208-96-8	Acenaphthylene	270	U	270	410	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	530	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	530	ug/Kg
83-32-9	Acenaphthene	250	U	250	410	530	ug/Kg
Total PAH	Total PAH	4130	U	4130	410	8480	ug/Kg
51-28-5	2,4-Dinitrophenol	760	U	760	850	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	850	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	410	530	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	530	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	530	U	530	410	1060	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	530	ug/Kg
86-73-7	Fluorene	270	U	270	410	530	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	410	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	850	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	530	ug/Kg
103-33-3	Azobenzene	250	U	250	410	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	530	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	530	ug/Kg
1912-24-9	Atrazine	290	U	290	410	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	OK-02-09132024	SDG No.:	BF091724
Lab Sample ID:	P4000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139414.D	5	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	850	1000	ug/Kg
85-01-8	Phenanthrene	260	U	260	410	530	ug/Kg
120-12-7	Anthracene	260	U	260	410	530	ug/Kg
86-74-8	Carbazole	250	U	250	410	530	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	410	530	ug/Kg
206-44-0	Fluoranthene	260	U	260	410	530	ug/Kg
92-87-5	Benzidine	510	U	510	850	1000	ug/Kg
129-00-0	Pyrene	260	U	260	410	530	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	410	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	850	1000	ug/Kg
56-55-3	Benzo(a)anthracene	250	U	250	410	530	ug/Kg
218-01-9	Chrysene	250	U	250	410	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	410	530	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	850	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	410	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	410	530	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	410	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	U	240	410	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	410	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	U	250	410	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	410	530	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	410	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	410	530	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	530	530	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.575		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.225		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	69.215		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	73.425		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	OK-02-09132024	SDG No.:	BF091724
Lab Sample ID:	P4000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139414.D	5	9/14/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.89		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	85.42		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53945	6.881				
1146-65-2	Naphthalene-d8	177021	8.157				
15067-26-2	Acenaphthene-d10	84756	9.91				
1517-22-2	Phenanthrene-d10	151966	11.398				
1719-03-5	Chrysene-d12	80798	14.033				
1520-96-3	Perylene-d12	62497	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.14	
000057-10-3	n-Hexadecanoic acid	220	J			11.916	

Hit Summary Sheet SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
P3905-06	COMP-1	water	Benzidine	210.000		40.7	100	ug/L
			Total Svoc :			210.00		
			Total Concentration:			210.00		
Client ID : FM1								
P3932-03	FM1	water	Benzidine	95.200	J	40.7	100	ug/L
			Total Svoc :			95.20		
			Total Concentration:			95.20		
Client ID : DN-B-39								
P3963-01	DN-B-39	Solid	17-Pentatriacontene	*	280.000	J		
P3963-01	DN-B-39	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3963-01	DN-B-39	Solid	9-Octadecenamamide, (Z)-	*	500.000	J		
P3963-01	DN-B-39	Solid	Benzophenone	*	290.000	J		
P3963-01	DN-B-39	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3963-01	DN-B-39	Solid	n-Hexadecanoic acid	*	330.000	J		
			Total Tics :			3,810.00		
			Total Concentration:			3,810.00		
Client ID : HD-02-091224DL								
P3980-01DL	HD-02-091224DL	Solid	Anthracene		1,100.000	D	540	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Benzo(a)anthracene		2,800.000	D	520	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Benzo(a)pyrene		2,700.000	D	590	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Benzo(b)fluoranthene		3,400.000	D	520	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Benzo(g,h,i)perylene		1,500.000	D	510	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Benzo(k)fluoranthene		1,200.000	D	530	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Chrysene		2,200.000	D	510	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Fluoranthene		6,100.000	D	520	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D	500	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Phenanthrene		3,400.000	D	540	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Pyrene		4,100.000	D	530	ug/Kg
P3980-01DL	HD-02-091224DL	Solid	Total PAH		29,600.000	D	8480	ug/Kg
			Total Svoc :			59,200.00		
			Total Concentration:			59,200.00		
Client ID : WC-A-COMP								
P3984-01	WC-A-COMP	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
P3984-01	WC-A-COMP	Solid	11H-Benzo[b]fluorene	*	290.000	J		
P3984-01	WC-A-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P3984-01	WC-A-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	280.000	J		

Hit Summary Sheet
SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3984-01	WC-A-COMP	Solid	7H-Benz[de]anthracen-7-one	*	260.000	J		
P3984-01	WC-A-COMP	Solid	Benzo[a]pyrene, 4,5-dihydro-	*	580.000	J		
P3984-01	WC-A-COMP	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	220.000	J		
P3984-01	WC-A-COMP	Solid	Benzo[b]triphenylene	*	430.000	J		
P3984-01	WC-A-COMP	Solid	Benzo[e]pyrene	*	830.000	J		
P3984-01	WC-A-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3984-01	WC-A-COMP	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	150.000	J		
P3984-01	WC-A-COMP	Solid	Dibenzo[def,mno]chrysene	*	560.000	J		
P3984-01	WC-A-COMP	Solid	Dibenzofuran, 4-methyl-	*	250.000	J		
P3984-01	WC-A-COMP	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	650.000	J		
P3984-01	WC-A-COMP	Solid	Octadecane	*	420.000	J		
P3984-01	WC-A-COMP	Solid	Perylene	*	2,700.000	J		
P3984-01	WC-A-COMP	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P3984-01	WC-A-COMP	Solid	Pyrene, 1-methyl-	*	200.000	J		
P3984-01	WC-A-COMP	Solid	Pyrene, 4-methyl-	*	200.000	J		
P3984-01	WC-A-COMP	Solid	unknown14.810	*	250.000	J		
Total Tics :				10,600.00				
P3984-01	WC-A-COMP	Solid	Acenaphthene		530.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Acenaphthylene		300.000	J 180	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Anthracene		1,500.000	180	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Benzo(a)anthracene		4,300.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Benzo(a)pyrene		3,900.000	200	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Benzo(b)fluoranthene		5,300.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Benzo(g,h,i)perylene		2,300.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Benzo(k)fluoranthene		1,600.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Bis(2-ethylhexyl)phthalate		410.000	190	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Butylbenzylphthalate		300.000	J 200	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Carbazole		900.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Chrysene		3,600.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Dibenzo(a,h)anthracene		520.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Dibenzofuran		400.000	180	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Fluoranthene		9,200.000	E 170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Fluorene		590.000	180	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Indeno(1,2,3-cd)pyrene		2,000.000	160	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Naphthalene		360.000	170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Phenanthrene		6,300.000	E 180	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Pyrene		7,800.000	E 170	360	ug/Kg
P3984-01	WC-A-COMP	Solid	Total PAH		50,100.000	2780	5760	ug/Kg
Total Svoc :				102,210.00				
Total Concentration:				112,810.00				

Hit Summary Sheet
SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-C-COMP								
P3984-07	WC-C-COMP	Solid	11H-Benzo[a]fluoren-11-one	*	230.000	J		
P3984-07	WC-C-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3984-07	WC-C-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	360.000	J		
P3984-07	WC-C-COMP	Solid	9,10-Anthracenedione	*	160.000	J		
P3984-07	WC-C-COMP	Solid	Anthracene, 2-methyl-	*	370.000	J		
P3984-07	WC-C-COMP	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	150.000	J		
P3984-07	WC-C-COMP	Solid	Benzo[e]pyrene	*	350.000	J		
P3984-07	WC-C-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3984-07	WC-C-COMP	Solid	Cyclopenta(def)phenanthrenone	*	160.000	J		
P3984-07	WC-C-COMP	Solid	Octadecane	*	290.000	J		
P3984-07	WC-C-COMP	Solid	Perylene	*	930.000	J		
P3984-07	WC-C-COMP	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P3984-07	WC-C-COMP	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P3984-07	WC-C-COMP	Solid	Pyrene, 1-methyl-	*	170.000	J		
P3984-07	WC-C-COMP	Solid	unknown14.810	*	250.000	J		
Total Tics :					5,390.00			
P3984-07	WC-C-COMP	Solid	Anthracene		370.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Benzo(a)anthracene		1,200.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Benzo(a)pyrene		1,200.000	200	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Benzo(b)fluoranthene		1,400.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Benzo(g,h,i)perylene		890.000	170	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Benzo(k)fluoranthene		650.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Carbazole		220.000	J 180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Chrysene		1,100.000	170	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Dibenzo(a,h)anthracene		200.000	J 180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Fluoranthene		2,600.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Indeno(1,2,3-cd)pyrene		730.000	170	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Phenanthrene		1,600.000	180	370	ug/Kg
P3984-07	WC-C-COMP	Solid	Pyrene		2,200.000	180	370	ug/Kg
Total Svoc :					14,360.00			
Total Concentration:					19,750.00			
Client ID : TP-3								
P3985-01	TP-3	Solid	1-Docosene	*	340.000	J		
P3985-01	TP-3	Solid	1-Phenoxypropan-2-ol	*	72.100	J		
P3985-01	TP-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A		
P3985-01	TP-3	Solid	Benzophenone	*	66.700	J		
P3985-01	TP-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3985-01	TP-3	Solid	Dodecane	*	96.900	J		
P3985-01	TP-3	Solid	Eicosane, 7-hexyl-	*	60.100	J		

Hit Summary Sheet SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3985-01	TP-3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	130.000	J		
P3985-01	TP-3	Solid	Hexadecane	*	68.600	J		
P3985-01	TP-3	Solid	n-Hexadecanoic acid	*	130.000	J		
P3985-01	TP-3	Solid	Nonadecane	*	120.000	J		
P3985-01	TP-3	Solid	Octacosane	*	120.000	J		
P3985-01	TP-3	Solid	Octadecane	*	67.700	J		
P3985-01	TP-3	Solid	Pentadecane	*	81.800	J		
P3985-01	TP-3	Solid	Silane, trichlorooctadecyl-	*	74.300	J		
P3985-01	TP-3	Solid	Tetratetracontane	*	85.100	J		
P3985-01	TP-3	Solid	Tricosyl pentafluoropropionate	*	320.000	J		
P3985-01	TP-3	Solid	Tridecane	*	200.000	J		
P3985-01	TP-3	Solid	unknown10.004	*	62.700	J		
P3985-01	TP-3	Solid	unknown3.387	*	70.700	J		
Total Tics :					3,666.70			
P3985-01	TP-3	Solid	1-Methylnaphthalene		73.900	J	58.8	120 ug/Kg
P3985-01	TP-3	Solid	2-Methylnaphthalene		140.000		58.3	120 ug/Kg
P3985-01	TP-3	Solid	Anthracene		78.300	J	59.7	120 ug/Kg
P3985-01	TP-3	Solid	Fluoranthene		100.000	J	57.8	120 ug/Kg
P3985-01	TP-3	Solid	Naphthalene		310.000		58.4	120 ug/Kg
P3985-01	TP-3	Solid	Phenanthrene		92.400	J	59.4	120 ug/Kg
P3985-01	TP-3	Solid	Pyrene		75.100	J	58.7	120 ug/Kg
Total Svoc :					869.70			
Total Concentration:					4,536.40			
Client ID : TP-7								
P3985-03	TP-7	Solid	1-Phenoxypropan-2-ol	*	51.100	J		
P3985-03	TP-7	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3985-03	TP-7	Solid	Benzo[e]pyrene	*	45.800	J		
P3985-03	TP-7	Solid	Benzophenone	*	130.000	J		
P3985-03	TP-7	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P3985-03	TP-7	Solid	n-Hexadecanoic acid	*	87.300	J		
P3985-03	TP-7	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	67.400	J		
P3985-03	TP-7	Solid	Pentadecafluorooctanoic acid, oct	*	91.400	J		
P3985-03	TP-7	Solid	unknown3.399	*	73.600	J		
Total Tics :					1,766.60			
Total Concentration:					1,766.60			
Client ID : TP-2								
P3989-01	TP-2	Solid	11H-Benzo[b]fluorene	*	55.900	J		
P3989-01	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3989-01	TP-2	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3989-01	TP-2	Solid	9,10-Dimethylanthracene	*	54.400	J		
P3989-01	TP-2	Solid	Benzo[e]pyrene	*	310.000	J		
P3989-01	TP-2	Solid	Benzophenone	*	130.000	J		
P3989-01	TP-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P3989-01	TP-2	Solid	E-14-Hexadecenal	*	85.200	J		
P3989-01	TP-2	Solid	Fluoranthene, 2-methyl-	*	72.300	J		
P3989-01	TP-2	Solid	Phenanthrene, 2-methyl-	*	230.000	J		
P3989-01	TP-2	Solid	unknown10.822	*	85.000	J		
P3989-01	TP-2	Solid	unknown11.257	*	44.300	J		
P3989-01	TP-2	Solid	unknown12.480	*	47.100	J		
Total Tics :					2,454.20			
P3989-01	TP-2	Solid	Anthracene		100.000	J	54.5	110 ug/Kg
P3989-01	TP-2	Solid	Benzo(a)anthracene		400.000		52.1	110 ug/Kg
P3989-01	TP-2	Solid	Benzo(a)pyrene		400.000		60	110 ug/Kg
P3989-01	TP-2	Solid	Benzo(b)fluoranthene		460.000		52.3	110 ug/Kg
P3989-01	TP-2	Solid	Benzo(g,h,i)perylene		230.000		51.7	110 ug/Kg
P3989-01	TP-2	Solid	Benzo(k)fluoranthene		210.000		53.3	110 ug/Kg
P3989-01	TP-2	Solid	Chrysene		350.000		51.3	110 ug/Kg
P3989-01	TP-2	Solid	Dibenzo(a,h)anthracene		58.800	J	52.4	110 ug/Kg
P3989-01	TP-2	Solid	Fluoranthene		600.000		52.7	110 ug/Kg
P3989-01	TP-2	Solid	Indeno(1,2,3-cd)pyrene		180.000		50.4	110 ug/Kg
P3989-01	TP-2	Solid	Phenanthrene		350.000		54.2	110 ug/Kg
P3989-01	TP-2	Solid	Pyrene		540.000		53.6	110 ug/Kg
P3989-01	TP-2	Solid	Total PAH		3,878.000		855.1	1760 ug/Kg
Total Svoc :					7,756.80			
Total Concentration:					10,211.00			
Client ID : TP-3								
P3989-05	TP-3	Solid	1-Dodecanol, 2-hexyl-	*	130.000	J		
P3989-05	TP-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3989-05	TP-3	Solid	Benzene, 1,2,3-trimethyl-	*	58.800	J		
P3989-05	TP-3	Solid	Benzophenone	*	91.500	J		
P3989-05	TP-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3989-05	TP-3	Solid	Decane, 3,6-dimethyl-	*	190.000	J		
P3989-05	TP-3	Solid	Dodecane	*	56.200	J		
P3989-05	TP-3	Solid	Heptadecane	*	59.300	J		
P3989-05	TP-3	Solid	Heptadecane, 9-hexyl-	*	55.200	J		
P3989-05	TP-3	Solid	Hexadecane	*	55.900	J		
P3989-05	TP-3	Solid	n-Hexadecanoic acid	*	230.000	J		
P3989-05	TP-3	Solid	Naphthalene, 1,4,6-trimethyl-	*	77.300	J		
P3989-05	TP-3	Solid	Naphthalene, 2,3-dimethyl-	*	57.600	J		

Hit Summary Sheet SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3989-05	TP-3	Solid	Nonadecane	*	120.000	J		
P3989-05	TP-3	Solid	Octacosane	*	70.600	J		
P3989-05	TP-3	Solid	Octadecane	*	75.100	J		
P3989-05	TP-3	Solid	Silane, trichlorooctadecyl-	*	54.500	J		
P3989-05	TP-3	Solid	unknown16.962	*	57.100	J		
Total Tics :				3,079.10				
P3989-05	TP-3	Solid	1-Methylnaphthalene		60.900	J	59.9	120 ug/Kg
P3989-05	TP-3	Solid	2-Methylnaphthalene		81.300	J	59.4	120 ug/Kg
P3989-05	TP-3	Solid	Benzo(a)anthracene		90.400	J	58.1	120 ug/Kg
P3989-05	TP-3	Solid	Benzo(a)pyrene		93.000	J	67	120 ug/Kg
P3989-05	TP-3	Solid	Benzo(b)fluoranthene		120.000		58.4	120 ug/Kg
P3989-05	TP-3	Solid	Benzo(g,h,i)perylene		60.300	J	57.7	120 ug/Kg
P3989-05	TP-3	Solid	Chrysene		80.400	J	57.3	120 ug/Kg
P3989-05	TP-3	Solid	Fluoranthene		140.000		58.8	120 ug/Kg
P3989-05	TP-3	Solid	Naphthalene		66.700	J	59.5	120 ug/Kg
P3989-05	TP-3	Solid	Phenanthrene		110.000	J	60.5	120 ug/Kg
P3989-05	TP-3	Solid	Pyrene		130.000		59.8	120 ug/Kg
Total Svoc :				1,033.00				
Total Concentration:				4,112.10				
Client ID : OK-02-09132024								
P4000-01	OK-02-09132024	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4000-01	OK-02-09132024	Solid	n-Hexadecanoic acid	*	220.000	J		
Total Tics :				1,520.00				
Total Concentration:				1,520.00				
Client ID : TP-2								
P4002-03	TP-2	Solid	1-Docosene	*	140.000	J		
P4002-03	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P4002-03	TP-2	Solid	4H-Cyclopenta[def]phenanthrene	*	56.200	J		
P4002-03	TP-2	Solid	Benzo[e]pyrene	*	180.000	J		
P4002-03	TP-2	Solid	Benzophenone	*	110.000	J		
P4002-03	TP-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P4002-03	TP-2	Solid	n-Hexadecanoic acid	*	200.000	J		
P4002-03	TP-2	Solid	Pyrene, 1-methyl-	*	56.900	J		
P4002-03	TP-2	Solid	Trichloroacetic acid, hexadecyl es	*	150.000	J		
Total Tics :				2,753.10				
P4002-03	TP-2	Solid	Benzo(a)anthracene		180.000		56.7	120 ug/Kg
P4002-03	TP-2	Solid	Benzo(a)pyrene		180.000		65.3	120 ug/Kg
P4002-03	TP-2	Solid	Benzo(b)fluoranthene		260.000		56.9	120 ug/Kg
P4002-03	TP-2	Solid	Benzo(g,h,i)perylene		140.000		56.2	120 ug/Kg
P4002-03	TP-2	Solid	Benzo(k)fluoranthene		85.500	J	58	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4002-03	TP-2	Solid	Chrysene	170.000		55.8	120	ug/Kg
P4002-03	TP-2	Solid	Fluoranthene	300.000		57.4	120	ug/Kg
P4002-03	TP-2	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	54.8	120	ug/Kg
P4002-03	TP-2	Solid	Phenanthrene	160.000		59	120	ug/Kg
P4002-03	TP-2	Solid	Pyrene	240.000		58.3	120	ug/Kg
Total Svoc :						1,825.50		
Total Concentration:						4,578.60		

Client ID : TP-4

P4002-05	TP-4	Solid	1-Hexacosene	*	180.000	J		
P4002-05	TP-4	Solid	2,4a,8,8-Tetramethyldecahydrocyc	*	1,100.000	J		
P4002-05	TP-4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P4002-05	TP-4	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P4002-05	TP-4	Solid	n-Hexadecanoic acid	*	210.000	J		
Total Tics :						3,000.00		
Total Concentration:						3,000.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.936	0.930	0.973	0.941	0.905	0.940	2.7
Pyridine		1.084	1.102	1.180	1.098	1.002	1.084	5.7
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Benzaldehyde		1.119	1.053	1.011	0.833	0.761	0.930	16.1
Aniline		1.262	1.232	1.274	1.194	1.101	1.214	5.2
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
Phenol		1.697	1.708	1.709	1.609	1.524	1.639	4.6
bis(2-Chloroethyl)ether		1.173	1.177	1.190	1.133	1.127	1.246	16.5
2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.262	3.1
1,2-Dichlorobenzene		1.429	1.386	1.411	1.344	1.301	1.370	3.6
1,3-Dichlorobenzene		1.500	1.489	1.475	1.414	1.355	1.435	4.0
1,4-Dichlorobenzene		1.477	1.463	1.527	1.432	1.377	1.450	3.5
Benzyl Alcohol		1.277	1.307	1.332	1.282	1.220	1.284	3.5
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
2,2-oxybis(1-Chloropropane)		2.033	1.971	2.047	1.868	1.791	1.920	5.5
Acetophenone		0.521	0.509	0.535	0.539	0.502	0.523	2.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
n-Nitroso-di-n-propylamine	0.922	0.950	0.952	1.025	0.939	0.912	0.954	3.9
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.552	2.9
Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.438	2.4
Isophorone		0.658	0.670	0.698	0.685	0.647	0.673	2.7
2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.171	7.3
2,4-Dimethylphenol		0.216	0.219	0.231	0.235	0.219	0.225	3.8
bis(2-Chloroethoxy)methane		0.394	0.378	0.389	0.387	0.364	0.383	2.7
2,4-Dichlorophenol		0.289	0.283	0.285	0.295	0.272	0.286	2.8
1,2,4-Trichlorobenzene		0.347	0.331	0.336	0.341	0.316	0.333	3.1
Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.211	12.5
Naphthalene		1.043	1.038	1.045	1.070	1.003	1.044	2.3
4-Chloroaniline		0.307	0.327	0.334	0.337	0.305	0.319	5.4
Hexachlorobutadiene		0.228	0.231	0.228	0.232	0.220	0.226	2.4
Caprolactam		0.087	0.086	0.089	0.093	0.083	0.088	3.7
4-Chloro-3-methylphenol		0.315	0.317	0.336	0.341	0.315	0.327	3.3
2-Methylnaphthalene		0.672	0.645	0.684	0.680	0.631	0.663	3.1
Hexachlorocyclopentadiene		0.198	0.196	0.224	0.229	0.207	0.207	7.3
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
1,1-Biphenyl		1.615	1.478	1.566	1.613	1.479	1.539	3.8
2-Chloronaphthalene		1.130	1.110	1.181	1.215	1.116	1.150	3.3
2-Nitroaniline		0.387	0.407	0.436	0.456	0.428	0.428	5.5
Dimethylphthalate		1.318	1.284	1.354	1.382	1.253	1.313	3.4
Acenaphthylene		1.696	1.705	1.799	1.814	1.681	1.732	3.0
2,6-Dinitrotoluene		0.261	0.275	0.303	0.313	0.290	0.291	6.0
3-Nitroaniline		0.279	0.276	0.311	0.319	0.284	0.291	6.7
Acenaphthene		1.186	1.141	1.246	1.289	1.169	1.209	4.1
2,4-Dinitrophenol			0.107	0.149	0.178	0.174	0.162	18.2
4-Nitrophenol		0.225	0.228	0.243	0.264	0.244	0.240	5.3
Dibenzofuran		1.687	1.668	1.738	1.780	1.600	1.685	3.6
2,4-Dinitrotoluene		0.364	0.365	0.391	0.434	0.388	0.393	6.2
Diethylphthalate		1.359	1.291	1.405	1.440	1.309	1.355	3.9
4-Chlorophenyl-phenylether		0.671	0.638	0.691	0.705	0.642	0.668	3.6
Fluorene		1.373	1.323	1.424	1.472	1.325	1.375	4.0
4-Nitroaniline		0.303	0.315	0.344	0.348	0.307	0.317	6.8
4,6-Dinitro-2-methylphenol		0.075	0.092	0.105	0.117	0.113	0.106	15.9
n-Nitrosodiphenylamine		0.581	0.564	0.593	0.601	0.560	0.585	2.9
Azobenzene		1.341	1.286	1.375	1.423	1.280	1.332	3.9
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
4-Bromophenyl-phenylether		0.190	0.186	0.201	0.207	0.191	0.198	4.4
Hexachlorobenzene		0.232	0.229	0.228	0.243	0.223	0.233	2.9
Atrazine		0.175	0.165	0.144	0.121	0.141	0.139	17.3
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Phenanthrene		0.981	0.928	0.992	1.004	0.938	0.965	3.0
Anthracene		0.945	0.909	0.971	0.987	0.913	0.943	3.2
Carbazole		0.923	0.897	0.958	0.946	0.881	0.903	4.8
Di-n-butylphthalate		0.935	0.972	1.073	1.075	0.991	1.006	5.3
Fluoranthene		1.100	1.092	1.137	1.085	0.957	1.030	9.3
Benzidine		0.174	0.181	0.262	0.384	0.269	0.287	31.6
Pyrene		1.536	1.568	1.791	1.924	1.774	1.717	8.1
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7
Butylbenzylphthalate		0.519	0.552	0.630	0.627	0.585	0.585	6.8
3,3-Dichlorobenzidine		0.388	0.384	0.396	0.374	0.367	0.388	3.6

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.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.334	1.287	1.404	1.358	1.262	1.325	3.5
Chrysene		1.252	1.206	1.206	1.234	1.185	1.219	2.0
Bis(2-ethylhexyl)phthalate		0.688	0.711	0.816	0.764	0.727	0.744	5.6
Di-n-octyl phthalate		0.969	0.954	1.076	1.129	1.103	1.095	9.7
Benzo(b)fluoranthene		1.284	1.188	1.332	1.226	1.186	1.233	4.4
Benzo(k)fluoranthene		1.221	1.212	1.107	1.191	1.028	1.137	6.4
Benzo(a)pyrene		1.002	0.985	1.031	1.076	0.992	1.023	3.3
Indeno(1,2,3-cd)pyrene		0.947	1.025	1.175	1.363	1.261	1.189	12.8
Dibenzo(a,h)anthracene		0.770	0.847	0.973	1.098	1.044	0.983	13.1
Benzo(g,h,i)perylene		0.805	0.846	0.974	1.106	1.031	0.973	11.4
1,2,4,5-Tetrachlorobenzene		0.600	0.570	0.607	0.619	0.569	0.593	3.1
1,4-Dioxane		0.553	0.504	0.521	0.494	0.447	0.492	7.7
2,3,4,6-Tetrachlorophenol		0.317	0.327	0.364	0.359	0.325	0.336	5.3
1-Methylnaphthalene		0.656	0.647	0.670	0.662	0.616	0.651	2.7

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.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 11:08

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	52723	6.881	182509	8.16	98703	9.92
	UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
	LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
	EPA SAMPLE NO.						
01	PB163414BL	72264	6.88	271274	8.16	159150	9.91
02	PB163307TB	68273	6.88	264273	8.16	154874	9.91
03	PB163358TB	69033	6.88	264747	8.16	154637	9.91
04	PB163414BS	67726	6.88	255636	8.16	143509	9.92
05	FM1	62581	6.88	239320	8.16	128462	9.91
06	COMP-1	63471	6.88	237287	8.16	134667	9.91
07	TP-7	67297	6.88	245002	8.16	133986	9.91
08	TP-7MS	65936	6.88	245326	8.16	133612	9.92
09	TP-7MSD	63641	6.88	237730	8.16	127420	9.92
10	HD-02-091224DL	63388	6.88	230117	8.16	109735	9.91
11	TP-2	66833	6.88	239430	8.16	110099	9.91
12	TP-3	60562	6.88	216558	8.16	94517	9.91
13	TP-3	62180	6.88	217804	8.16	96570	9.91
14	TP-2	57965	6.88	200120	8.16	90310	9.91
15	TP-2MS	60197	6.88	215551	8.16	100249	9.92
16	TP-2MSD	57932	6.88	206093	8.16	95833	9.92
17	TP-4	64359	6.88	219348	8.16	96992	9.91
18	WC-C-COMP	64239	6.88	208488	8.16	93687	9.91
19	DN-B-39	59961	6.88	198820	8.16	91551	9.91
20	WC-A-COMP	61925	6.88	198461	8.16	88761	9.91
21	OK-02-09132024	53945	6.88	177021	8.16	84756	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 20:54

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	52723	6.881	182509	8.16	98703	9.92
UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
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.



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.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139393.D Time Analyzed: 11:08

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	64326	6.881	237903	8.16	131966	9.92
	UPPER LIMIT	128652	7.381	475806	8.663	263932	10.416
	LOWER LIMIT	32163	6.381	118951.5	7.663	65983	9.416
	EPA SAMPLE NO.						
01	PB163414BL	72264	6.88	271274	8.16	159150	9.91
02	PB163307TB	68273	6.88	264273	8.16	154874	9.91
03	PB163358TB	69033	6.88	264747	8.16	154637	9.91
04	PB163414BS	67726	6.88	255636	8.16	143509	9.92
05	FM1	62581	6.88	239320	8.16	128462	9.91
06	COMP-1	63471	6.88	237287	8.16	134667	9.91
07	TP-7	67297	6.88	245002	8.16	133986	9.91
08	TP-7MS	65936	6.88	245326	8.16	133612	9.92
09	TP-7MSD	63641	6.88	237730	8.16	127420	9.92
10	HD-02-091224DL	63388	6.88	230117	8.16	109735	9.91
11	TP-2	66833	6.88	239430	8.16	110099	9.91
12	TP-3	60562	6.88	216558	8.16	94517	9.91
13	TP-3	62180	6.88	217804	8.16	96570	9.91
14	TP-2	57965	6.88	200120	8.16	90310	9.91
15	TP-2MS	60197	6.88	215551	8.16	100249	9.92
16	TP-2MSD	57932	6.88	206093	8.16	95833	9.92
17	TP-4	64359	6.88	219348	8.16	96992	9.91
18	WC-C-COMP	64239	6.88	208488	8.16	93687	9.91
19	DN-B-39	59961	6.88	198820	8.16	91551	9.91
20	WC-A-COMP	61925	6.88	198461	8.16	88761	9.91
21	OK-02-09132024	53945	6.88	177021	8.16	84756	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139393.D Time Analyzed: 20:54

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	64326	6.881	237903	8.16	131966	9.92
UPPER LIMIT	128652	7.381	475806	8.663	263932	10.416
LOWER LIMIT	32163	6.381	118951.5	7.663	65983	9.416
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.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 11:08

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	194097	11.398	109489	14.033	106513	15.498
	UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
	LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
	EPA SAMPLE NO.						
01	PB163414BL	316746	11.40	218080	14.03	170230	15.50
02	PB163307TB	297313	11.40	203874	14.03	161018	15.50
03	PB163358TB	296959	11.40	207580	14.03	164796	15.50
04	PB163414BS	269967	11.40	148691	14.04	116282	15.50
05	FM1	212440	11.40	116446	14.03	94363	15.50
06	COMP-1	219233	11.40	113603	14.03	91031	15.50
07	TP-7	217178	11.39	116659	14.03	102357	15.50
08	TP-7MS	209074	11.40	115674	14.03	100599	15.50
09	TP-7MSD	190204	11.40	112114	14.03	97799	15.50
10	HD-02-091224DL	143012	11.39	108345	14.03	69331	15.50
11	TP-2	158871	11.40	103786	14.03	73888	15.50
12	TP-3	145147	11.40	100931	14.03	66817	15.50
13	TP-3	136346	11.39	101545	14.03	67255	15.50
14	TP-2	134117	11.40	95900	14.03	65659	15.50
15	TP-2MS	143841	11.40	92962	14.03	65242	15.50
16	TP-2MSD	142428	11.40	90734	14.03	64580	15.50
17	TP-4	161911	11.40	99467	14.03	71993	15.50
18	WC-C-COMP	164195	11.40	101207	14.03	77017	15.50
19	DN-B-39	166963	11.40	96459	14.03	71315	15.50
20	WC-A-COMP	166150	11.40	96470	14.04	74661	15.50
21	OK-02-09132024	151966	11.40	80798	14.03	62497	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 20:54

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	194097	11.398	109489	14.033	106513	15.498
UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
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.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139393.D Time Analyzed: 11:08

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	246534	11.398	138699	14.039	99596	15.504
	UPPER LIMIT	493068	11.898	277398	14.539	199192	16.004
	LOWER LIMIT	123267	10.898	69349.5	13.539	49798	15.004
	EPA SAMPLE NO.						
01	PB163414BL	316746	11.40	218080	14.03	170230	15.50
02	PB163307TB	297313	11.40	203874	14.03	161018	15.50
03	PB163358TB	296959	11.40	207580	14.03	164796	15.50
04	PB163414BS	269967	11.40	148691	14.04	116282	15.50
05	FM1	212440	11.40	116446	14.03	94363	15.50
06	COMP-1	219233	11.40	113603	14.03	91031	15.50
07	TP-7	217178	11.39	116659	14.03	102357	15.50
08	TP-7MS	209074	11.40	115674	14.03	100599	15.50
09	TP-7MSD	190204	11.40	112114	14.03	97799	15.50
10	HD-02-091224DL	143012	11.39	108345	14.03	69331	15.50
11	TP-2	158871	11.40	103786	14.03	73888	15.50
12	TP-3	145147	11.40	100931	14.03	66817	15.50
13	TP-3	136346	11.39	101545	14.03	67255	15.50
14	TP-2	134117	11.40	95900	14.03	65659	15.50
15	TP-2MS	143841	11.40	92962	14.03	65242	15.50
16	TP-2MSD	142428	11.40	90734	14.03	64580	15.50
17	TP-4	161911	11.40	99467	14.03	71993	15.50
18	WC-C-COMP	164195	11.40	101207	14.03	77017	15.50
19	DN-B-39	166963	11.40	96459	14.03	71315	15.50
20	WC-A-COMP	166150	11.40	96470	14.04	74661	15.50
21	OK-02-09132024	151966	11.40	80798	14.03	62497	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091724 SAS No.: BF091724 SDG NO.: BF091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BF139393.D Time Analyzed: 20:54

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	246534	11.398	138699	14.039	99596	15.504
UPPER LIMIT	493068	11.898	277398	14.539	199192	16.004
LOWER LIMIT	123267	10.898	69349.5	13.539	49798	15.004
EPA SAMPLE NO.						

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

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB163414BS	n-Nitrosodimethylamine	50	42.8	ug/L	86					55	108	
	Pyridine	50	41	ug/L	82					29	97	
	Benzaldehyde	50	13.4	ug/L	27					10	162	
	Aniline	50	48.4	ug/L	97					10	130	
	Phenol	50	47.1	ug/L	94					66	118	
	bis(2-Chloroethyl)ether	50	44.8	ug/L	90					62	103	
	2-Chlorophenol	50	47.4	ug/L	95					70	117	
	1,2-Dichlorobenzene	50	44.7	ug/L	89					72	102	
	1,3-Dichlorobenzene	50	43.8	ug/L	88					71	103	
	1,4-Dichlorobenzene	50	44.2	ug/L	88					76	103	
	Benzyl Alcohol	50	48.1	ug/L	96		*			36	93	
	2-Methylphenol	50	47.6	ug/L	95					69	109	
	2,2-oxybis(1-Chloropropane)	50	52	ug/L	104		*			65	100	
	Acetophenone	50	44.6	ug/L	89					60	104	
	3+4-Methylphenols	50	47.1	ug/L	94					67	106	
	N-Nitroso-di-n-propylamine	50	50.1	ug/L	100					57	107	
	Hexachloroethane	50	45.1	ug/L	90					76	118	
	Nitrobenzene	50	43.9	ug/L	88					58	106	
	Isophorone	50	48.8	ug/L	98					61	102	
	2-Nitrophenol	50	48.5	ug/L	97					70	115	
	2,4-Dimethylphenol	50	57.5	ug/L	115					42	142	
	bis(2-Chloroethoxy)methane	50	48.1	ug/L	96					58	109	
	2,4-Dichlorophenol	50	47.1	ug/L	94					66	115	
	1,2,4-Trichlorobenzene	50	43.7	ug/L	87					41	115	
	Benzoic acid	50	45.2	ug/L	90					10	125	
	Naphthalene	50	45.7	ug/L	91					64	107	
	4-Chloroaniline	50	24.6	ug/L	49					10	85	
	Hexachlorobutadiene	50	43.7	ug/L	87					69	101	
	Caprolactam	50	48.3	ug/L	97					58	128	
	4-Chloro-3-methylphenol	50	47	ug/L	94					65	114	
	2-Methylnaphthalene	50	47.2	ug/L	94					64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*			36	160	
	2,4,6-Trichlorophenol	50	48.2	ug/L	96					61	110	
	2,4,5-Trichlorophenol	50	46.7	ug/L	93					70	106	
	1,1-Biphenyl	50	45.2	ug/L	90					72	98	
	2-Chloronaphthalene	50	45	ug/L	90					59	106	
	2-Nitroaniline	50	46.2	ug/L	92					73	114	
	Dimethylphthalate	50	48.3	ug/L	97					64	103	
	Acenaphthylene	50	49.2	ug/L	98					79	103	
	2,6-Dinitrotoluene	50	46.6	ug/L	93					64	110	
	3-Nitroaniline	50	31.6	ug/L	63					28	100	
	Acenaphthene	50	53.3	ug/L	107					59	113	
	Total PAH	800	805.4	ug/L	101					59	113	
	2,4-Dinitrophenol	100	110	ug/L	110					36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB163414BS	4-Nitrophenol	100	96.1	ug/L	96				45		147	
	Dibenzofuran	50	46.7	ug/L	93				65		106	
	2,4-Dinitrotoluene	50	48.9	ug/L	98				60		115	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	95.5	ug/L	96				60		115	
	Diethylphthalate	50	49	ug/L	98				63		105	
	4-Chlorophenyl-phenylether	50	46.1	ug/L	92				61		104	
	Fluorene	50	46.5	ug/L	93				64		107	
	4-Nitroaniline	50	42.9	ug/L	86				55		125	
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107				62		132	
	N-Nitrosodiphenylamine	50	49.1	ug/L	98				61		109	
	Azobenzene	50	48	ug/L	96				59		106	
	4-Bromophenyl-phenylether	50	49.1	ug/L	98				73		103	
	Hexachlorobenzene	50	47.4	ug/L	95				73		106	
	Atrazine	50	69.7	ug/L	139		*		76		120	
	Pentachlorophenol	100	100	ug/L	100				47		114	
	Phenanthrene	50	49.1	ug/L	98				62		109	
	Anthracene	50	50.8	ug/L	102				65		110	
	Carbazole	50	48.5	ug/L	97				62		106	
	Di-n-butylphthalate	50	53.8	ug/L	108		*		64		106	
	Fluoranthene	50	49.4	ug/L	99				64		110	
	Benzidine	100	77.6	ug/L	78				10		94	
	Pyrene	50	55.1	ug/L	110		*		71		103	
	Butylbenzylphthalate	50	61.1	ug/L	122		*		61		105	
	3,3-Dichlorobenzidine	50	30.6	ug/L	61				43		108	
	Benzo(a)anthracene	50	50.3	ug/L	101				62		107	
	Chrysene	50	48.2	ug/L	96				61		108	
	bis(2-Ethylhexyl)phthalate	50	60.9	ug/L	122		*		59		110	
	Di-n-octyl phthalate	50	54	ug/L	108				52		139	
	Benzo(b)fluoranthene	50	46.1	ug/L	92				77		113	
	Benzo(k)fluoranthene	50	50.7	ug/L	101				77		105	
	Benzo(a)pyrene	50	52.7	ug/L	105				72		131	
	Indeno(1,2,3-cd)pyrene	50	54.6	ug/L	109		*		72		105	
	Dibenz(a,h)anthracene	50	53.6	ug/L	107				78		115	
	Benzo(g,h,i)perylene	50	50.1	ug/L	100				75		118	
	1,2,4,5-Tetrachlorobenzene	50	45.9	ug/L	92				72		101	
	1,4-Dioxane	50	34.2	ug/L	68				38		125	
	2,3,4,6-Tetrachlorophenol	50	50.1	ug/L	100				63		116	
	1-Methylnaphthalene	50	44.6	ug/L	89				51		114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

COMP-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091724

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139399.D

Lab Sample ID: P3905-06

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) water

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 13:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
COMP-1	P3905-06	BF139399.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

DN-B-39

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091724

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139412.D

Lab Sample ID: P3963-01

Instrument ID: BNA_F

Date Extracted: 09/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 19:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DN-B-39	P3963-01	BF139412.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-A-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091724

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139413.D

Lab Sample ID: P3984-01

Instrument ID: BNA_F

Date Extracted: 09/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 20:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-A-COMP	P3984-01	BF139413.D	09/17/2024
WC-C-COMP	P3984-07	BF139411.D	09/17/2024
TP-3	P3985-01	BF139406.D	09/17/2024
TP-7	P3985-03	BF139400.D	09/17/2024
TP-7MS	P3985-03MS	BF139401.D	09/17/2024
TP-7MSD	P3985-03MSD	BF139402.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091724

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139404.D

Lab Sample ID: P3989-01

Instrument ID: BNA_F

Date Extracted: 09/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 16:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-2	P3989-01	BF139404.D	09/17/2024
TP-3	P3989-05	BF139405.D	09/17/2024
TP-2	P4002-03	BF139407.D	09/17/2024
TP-2MS	P4002-03MS	BF139408.D	09/17/2024
TP-2MSD	P4002-03MSD	BF139409.D	09/17/2024
TP-4	P4002-05	BF139410.D	09/17/2024
OK-02-09132024	P4000-01	BF139414.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163414BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091724

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139394.D

Lab Sample ID: PB163414BL

Instrument ID: BNA_F

Date Extracted: 09/14/2024

Matrix: (soil/water) water

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163307TB	PB163307TB	BF139395.D	09/17/2024
PB163358TB	PB163358TB	BF139396.D	09/17/2024
PB163414BS	PB163414BS	BF139397.D	09/17/2024
FM1	P3932-03	BF139398.D	09/17/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4002-03MS		Client Sample ID: TP-2MS		DataFile: BF139408.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		1100	ug/Kg	92				45	119	
Benzaldehyde	1200		340	ug/Kg	28				10	86	
Aniline	1200		560	ug/Kg	47				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				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		1300	ug/Kg	108				65	110	
Acetophenone	1200		1100	ug/Kg	92				75	111	
3+4-Methylphenols	1200		1100	ug/Kg	92				66	104	
N-Nitroso-di-n-propylamine	1200		1200	ug/Kg	100				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1100	ug/Kg	92				70	119	
Isophorone	1200		1200	ug/Kg	100				76	122	
2-Nitrophenol	1200		1200	ug/Kg	100				54	145	
2,4-Dimethylphenol	1200		1400	ug/Kg	117				44	135	
bis(2-Chloroethoxy)methane	1200		1200	ug/Kg	100				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83				57	103	
Benzoic acid	1200		960	ug/Kg	80				50	104	
Naphthalene	1200		1100	ug/Kg	92				72	110	
4-Chloroaniline	1200		190	ug/Kg	16				10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		1100	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2300		1700	ug/Kg	74				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1200	ug/Kg	100				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1100	ug/Kg	92				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1200	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1200		1100	ug/Kg	92				70	125	
3-Nitroaniline	1200		590	ug/Kg	49				30	99	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200	1825.5	19990	ug/Kg	104				70	121	
2,4-Dinitrophenol	2300		1100	ug/Kg	48				10	155	
4-Nitrophenol	2300		1800	ug/Kg	78				45	133	
Dibenzofuran	1200		1100	ug/Kg	92				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

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		2100	ug/Kg	88				55	128	
2,4-Dinitrotoluene	1200		1000	ug/Kg	83				55	128	
Diethylphthalate	1200		1100	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		990	ug/Kg	83				68	116	
4-Nitroaniline	1200		760	ug/Kg	63				55	120	
4,6-Dinitro-2-methylphenol	1200		770	ug/Kg	64				10	160	
N-Nitrosodiphenylamine	1200		1400	ug/Kg	117				73	118	
Azobenzene	1200		1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200		1300	ug/Kg	108				65	121	
Hexachlorobenzene	1200		1200	ug/Kg	100				67	118	
Atrazine	1200		1700	ug/Kg	142	*			79	127	
Pentachlorophenol	2300		2300	ug/Kg	100				47	128	
Phenanthrene	1200	160	1300	ug/Kg	95				52	128	
Anthracene	1200		1300	ug/Kg	108				62	124	
Carbazole	1200		1200	ug/Kg	100				59	119	
Di-n-butylphthalate	1200		1300	ug/Kg	108				69	118	
Fluoranthene	1200	300	1400	ug/Kg	92				44	125	
Benzydine	2300		1700	ug/Kg	74				10	119	
Pyrene	1200	240	1400	ug/Kg	97				26	142	
Butylbenzylphthalate	1200		1400	ug/Kg	117				64	126	
3,3-Dichlorobenzidine	1200		760	ug/Kg	63				33	116	
Benzo(a)anthracene	1200	180	1400	ug/Kg	102				71	114	
Chrysene	1200	170	1300	ug/Kg	94				57	121	
bis(2-Ethylhexyl)phthalate	1200		1400	ug/Kg	117				42	169	
Di-n-octyl phthalate	1200		1400	ug/Kg	117				23	175	
Benzo(b)fluoranthene	1200	260	1400	ug/Kg	95				67	121	
Benzo(k)fluoranthene	1200	85.5	1300	ug/Kg	101				57	134	
Benzo(a)pyrene	1200	180	1400	ug/Kg	102				70	142	
Indeno(1,2,3-cd)pyrene	1200	110	1200	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92				43	123	
Benzo(g,h,i)perylene	1200	140	1100	ug/Kg	80				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		950	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83				69	112	
1-Methylnaphthalene	1200		1000	ug/Kg	83				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4002-03MSD	Client Sample ID:	TP-2MSD					DataFile:	BF139409.D		
n-Nitrosodimethylamine	1200		1100	ug/Kg	92	0			66	124	20
Pyridine	1200		1100	ug/Kg	92	0			45	119	20
Benzaldehyde	1200		350	ug/Kg	29	4			10	86	20
Aniline	1200		640	ug/Kg	53	12			10	88	20
Phenol	1200		1200	ug/Kg	100	8			67	126	20
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92	0			54	125	20
2-Chlorophenol	1200		1200	ug/Kg	100	8			79	107	20
1,2-Dichlorobenzene	1200		1100	ug/Kg	92	0			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		1300	ug/Kg	108	0			65	110	20
Acetophenone	1200		1200	ug/Kg	100	8			75	111	20
3+4-Methylphenols	1200		1100	ug/Kg	92	0			66	104	20
N-Nitroso-di-n-propylamine	1200		1200	ug/Kg	100	0			59	119	20
Hexachloroethane	1200		1100	ug/Kg	92	0			65	117	20
Nitrobenzene	1200		1100	ug/Kg	92	0			70	119	20
Isophorone	1200		1300	ug/Kg	108	8			76	122	20
2-Nitrophenol	1200		1200	ug/Kg	100	0			54	145	20
2,4-Dimethylphenol	1200		1500	ug/Kg	125	7			44	135	20
bis(2-Chloroethoxy)methane	1200		1300	ug/Kg	108	8			68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100	8			72	118	20
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92	10			57	103	20
Benzoic acid	1200		1000	ug/Kg	83	4			50	104	20
Naphthalene	1200		1200	ug/Kg	100	8			72	110	20
4-Chloroaniline	1200		230	ug/Kg	19	17			10	91	20
Hexachlorobutadiene	1200		1100	ug/Kg	92	0			66	114	20
Caprolactam	1200		1000	ug/Kg	83	0			51	134	20
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92	10			57	132	20
2-Methylnaphthalene	1200		1100	ug/Kg	92	0			59	123	20
Hexachlorocyclopentadiene	2300		1900	ug/Kg	83	11			10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108	8			72	117	20
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92	0			72	117	20
1,1-Biphenyl	1200		1300	ug/Kg	108	8			75	113	20
2-Chloronaphthalene	1200		1200	ug/Kg	100	8			67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100	8			69	127	20
Dimethylphthalate	1200		1300	ug/Kg	108	8			70	113	20
Acenaphthylene	1200		1200	ug/Kg	100	0			79	118	20
2,6-Dinitrotoluene	1200		1200	ug/Kg	100	8			70	125	20
3-Nitroaniline	1200		640	ug/Kg	53	8			30	99	20
Acenaphthene	1200		1200	ug/Kg	100	8			70	121	20
Total PAH	19200	1825.5	20800	ug/Kg	108	4			70	121	20
2,4-Dinitrophenol	2300		1300	ug/Kg	57	17			10	155	20
4-Nitrophenol	2300		2000	ug/Kg	87	11			45	133	20
Dibenzofuran	1200		1100	ug/Kg	92	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

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		2300	ug/Kg	96		9		55	128	20
2,4-Dinitrotoluene	1200		1100	ug/Kg	92		10		55	128	20
Diethylphthalate	1200		1200	ug/Kg	100		8		70	112	20
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92		10		71	108	20
Fluorene	1200		1100	ug/Kg	92		10		68	116	20
4-Nitroaniline	1200		850	ug/Kg	71		12		55	120	20
4,6-Dinitro-2-methylphenol	1200		880	ug/Kg	73		13		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		1300	ug/Kg	108		0		65	121	20
Hexachlorobenzene	1200		1200	ug/Kg	100		0		67	118	20
Atrazine	1200		1800	ug/Kg	150	*	5		79	127	20
Pentachlorophenol	2300		2400	ug/Kg	104		4		47	128	20
Phenanthrene	1200	160	1400	ug/Kg	103		8		52	128	20
Anthracene	1200		1300	ug/Kg	108		0		62	124	20
Carbazole	1200		1200	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1200		1400	ug/Kg	117		8		69	118	20
Fluoranthene	1200	300	1500	ug/Kg	100		8		44	125	20
Benzidine	2300		2000	ug/Kg	87		16		10	119	20
Pyrene	1200	240	1500	ug/Kg	105		8		26	142	20
Butylbenzylphthalate	1200		1500	ug/Kg	125		7		64	126	20
3,3-Dichlorobenzidine	1200		860	ug/Kg	72		13		33	116	20
Benzo(a)anthracene	1200	180	1400	ug/Kg	102		0		71	114	20
Chrysene	1200	170	1300	ug/Kg	94		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1500	ug/Kg	125		7		42	169	20
Di-n-octyl phthalate	1200		1500	ug/Kg	125		7		23	175	20
Benzo(b)fluoranthene	1200	260	1400	ug/Kg	95		0		67	121	20
Benzo(k)fluoranthene	1200	85.5	1400	ug/Kg	110		9		57	134	20
Benzo(a)pyrene	1200	180	1400	ug/Kg	102		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	110	1200	ug/Kg	91		0		40	129	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		0		43	123	20
Benzo(g,h,i)perylene	1200	140	1200	ug/Kg	88		10		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1300	ug/Kg	108		8		69	124	20
1,4-Dioxane	1200		960	ug/Kg	80		1		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92		10		69	112	20
1-Methylnaphthalene	1200		1100	ug/Kg	92		10		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3985-03MS		Client Sample ID: TP-7MS		DataFile: BF139401.D							
n-Nitrosodimethylamine	1100		990	ug/Kg	90				66	124	
Pyridine	1100		970	ug/Kg	88				45	119	
Benzaldehyde	1100		310	ug/Kg	28				10	86	
Aniline	1100		950	ug/Kg	86				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		990	ug/Kg	90				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		990	ug/Kg	90				61	105	
1,3-Dichlorobenzene	1100		980	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1100		980	ug/Kg	89				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				65	110	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89				57	103	
Benzoic acid	1100		950	ug/Kg	86				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		360	ug/Kg	33				10	91	
Hexachlorobutadiene	1100		990	ug/Kg	90				66	114	
Caprolactam	1100		1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		3000	ug/Kg	130				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		620	ug/Kg	56				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		16280	ug/Kg	93				70	121	
2,4-Dinitrophenol	2300		1900	ug/Kg	83				10	155	
4-Nitrophenol	2300		1800	ug/Kg	78				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		860	ug/Kg	78				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				10	160	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1600	ug/Kg	145	*			79	127	
Pentachlorophenol	2300		2000	ug/Kg	87				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		880	ug/Kg	80				44	125	
Benzydine	2300		1500	ug/Kg	65				10	119	
Pyrene	1100		950	ug/Kg	86				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		830	ug/Kg	75				33	116	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		710	ug/Kg	65				40	129	
Dibenz(a,h)anthracene	1100		710	ug/Kg	65				43	123	
Benzo(g,h,i)perylene	1100		630	ug/Kg	57				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		850	ug/Kg	77				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3985-03MSD		Client Sample ID: TP-7MSD		DataFile: BF139402.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91	1			66	124	20
Pyridine	1100		1000	ug/Kg	91	3			45	119	20
Benzaldehyde	1100		310	ug/Kg	28	0			10	86	20
Aniline	1100		990	ug/Kg	90	*	5		10	88	20
Phenol	1100		1100	ug/Kg	100	0			67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100	11			54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100	0			79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91	1			61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91	2			62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91	2			63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100	0			47	126	20
2-Methylphenol	1100		1100	ug/Kg	100	0			66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109	0			65	110	20
Acetophenone	1100		1100	ug/Kg	100	9			75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100	0			66	104	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109	9			59	119	20
Hexachloroethane	1100		1000	ug/Kg	91	0			65	117	20
Nitrobenzene	1100		1000	ug/Kg	91	0			70	119	20
Isophorone	1100		1200	ug/Kg	109	9			76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109	9			54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118	0			44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100	0			68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100	0			72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91	2			57	103	20
Benzoic acid	1100		1000	ug/Kg	91	6			50	104	20
Naphthalene	1100		1100	ug/Kg	100	9			72	110	20
4-Chloroaniline	1100		360	ug/Kg	33	0			10	91	20
Hexachlorobutadiene	1100		1000	ug/Kg	91	1			66	114	20
Caprolactam	1100		1100	ug/Kg	100	9			51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100	0			57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100	0			59	123	20
Hexachlorocyclopentadiene	2300		3100	ug/Kg	135	4			10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109	9			72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100	9			72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100	0			75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100	9			67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100	0			69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100	0			70	113	20
Acenaphthylene	1100		1200	ug/Kg	109	9			79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100	0			70	125	20
3-Nitroaniline	1100		620	ug/Kg	56	0			30	99	20
Acenaphthene	1100		1200	ug/Kg	109	0			70	121	20
Total PAH	17600		17140	ug/Kg	97	4			70	121	20
2,4-Dinitrophenol	2300		1900	ug/Kg	83	0			10	155	20
4-Nitrophenol	2300		1900	ug/Kg	83	6			45	133	20
Dibenzofuran	1100		1100	ug/Kg	100	9			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		5		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100		1000	ug/Kg	91		0		68	116	20
4-Nitroaniline	1100		860	ug/Kg	78		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		0		10	160	20
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*	7		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		8		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		9		67	118	20
Atrazine	1100		1700	ug/Kg	155	*	7		79	127	20
Pentachlorophenol	2300		2100	ug/Kg	91		4		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		9		52	128	20
Anthracene	1100		1200	ug/Kg	109		9		62	124	20
Carbazole	1100		1000	ug/Kg	91		1		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		930	ug/Kg	85		6		44	125	20
Benzydine	2300		1600	ug/Kg	70		7		10	119	20
Pyrene	1100		950	ug/Kg	86		0		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		900	ug/Kg	82		9		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		9		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1300	ug/Kg	118		0		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		740	ug/Kg	67		3		40	129	20
Dibenz(a,h)anthracene	1100		740	ug/Kg	67		3		43	123	20
Benzo(g,h,i)perylene	1100		680	ug/Kg	62		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		890	ug/Kg	81		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		69	112	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3905-06	COMP-1	BF139399.D	2-Fluorophenol	150	87.21	58		10	139
			Phenol-d6	150	81.65	54		10	134
			Nitrobenzene-d5	100	68.53	69		49	133
			2-Fluorobiphenyl	100	68.57	69		52	132
			2,4,6-Tribromophenol	150	119.27	80		44	137
			Terphenyl-d14	100	90.76	91		48	125

Surrogate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3963-01	DN-B-39	BF139412.D	2-Fluorophenol	150	89.06	59		18	112
			Phenol-d6	150	88.72	59		15	107
			Nitrobenzene-d5	100	66.42	66		18	107
			2-Fluorobiphenyl	100	68.49	68		20	109
			2,4,6-Tribromophenol	150	81.98	55		10	116
			Terphenyl-d14	100	74.43	74		10	105

Surrogate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3980-01DL	HD-02-091224DL	BF139403.D	2-Fluorophenol	150	89.92	60		18	112
			Phenol-d6	150	89.83	60		15	107
			Nitrobenzene-d5	100	64.27	64		18	107
			2-Fluorobiphenyl	100	71.71	72		20	109
			2,4,6-Tribromophenol	150	62.95	42		10	116
			Terphenyl-d14	100	59.39	59		10	105
P3984-01	WC-A-COMP	BF139413.D	2-Fluorophenol	150	81.26	54		18	112
			Phenol-d6	150	79.07	53		15	107
			Nitrobenzene-d5	100	61.42	61		18	107
			2-Fluorobiphenyl	100	67.54	68		20	109
			2,4,6-Tribromophenol	150	80.69	54		10	116
			Terphenyl-d14	100	72.33	72		10	105
P3984-07	WC-C-COMP	BF139411.D	2-Fluorophenol	150	75.58	50		18	112
			Phenol-d6	150	72.30	48		15	107
			Nitrobenzene-d5	100	57.03	57		18	107
			2-Fluorobiphenyl	100	62.97	63		20	109
			2,4,6-Tribromophenol	150	68.75	46		10	116
			Terphenyl-d14	100	65.01	65		10	105
P3985-01	TP-3	BF139406.D	2-Fluorophenol	150	84.95	57		18	112
			Phenol-d6	150	83.46	56		15	107
			Nitrobenzene-d5	100	61.31	61		18	107
			2-Fluorobiphenyl	100	64.51	65		20	109
			2,4,6-Tribromophenol	150	66.23	44		10	116
			Terphenyl-d14	100	54.59	55		10	105
P3985-03	TP-7	BF139400.D	2-Fluorophenol	150	81.64	54		18	112
			Phenol-d6	150	86.75	58		15	107
			Nitrobenzene-d5	100	57.65	58		18	107
			2-Fluorobiphenyl	100	60.25	60		20	109
			2,4,6-Tribromophenol	150	79.28	53		10	116
			Terphenyl-d14	100	56.09	56		10	105
P3985-03MS	TP-7MS	BF139401.D	2-Fluorophenol	150	81.12	54		18	112
			Phenol-d6	150	84.19	56		15	107
			Nitrobenzene-d5	100	56.15	56		18	107
			2-Fluorobiphenyl	100	58.86	59		20	109
			2,4,6-Tribromophenol	150	82.24	55		10	116
			Terphenyl-d14	100	54.57	55		10	105
P3985-03MSD	TP-7MSD	BF139402.D	2-Fluorophenol	150	83.23	55		18	112
			Phenol-d6	150	88.35	59		15	107
			Nitrobenzene-d5	100	58.95	59		18	107
			2-Fluorobiphenyl	100	61.13	61		20	109
			2,4,6-Tribromophenol	150	79.57	53		10	116
			Terphenyl-d14	100	54.45	54		10	105

Surrogate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3989-01	TP-2	BF139404.D	2-Fluorophenol	150	92.33	62		18	112
			Phenol-d6	150	90.98	61		15	107
			Nitrobenzene-d5	100	65.22	65		18	107
			2-Fluorobiphenyl	100	69.83	70		20	109
			2,4,6-Tribromophenol	150	72.86	49		10	116
			Terphenyl-d14	100	63.28	63		10	105
P3989-05	TP-3	BF139405.D	2-Fluorophenol	150	85.36	57		18	112
			Phenol-d6	150	85.47	57		15	107
			Nitrobenzene-d5	100	64.22	64		18	107
			2-Fluorobiphenyl	100	68.39	68		20	109
			2,4,6-Tribromophenol	150	73.74	49		10	116
			Terphenyl-d14	100	57.14	57		10	105
P4000-01	OK-02-09132024	BF139414.D	2-Fluorophenol	150	91.58	61		18	112
			Phenol-d6	150	92.23	61		15	107
			Nitrobenzene-d5	100	69.22	69		18	107
			2-Fluorobiphenyl	100	73.43	73		20	109
			2,4,6-Tribromophenol	150	84.89	57		10	116
			Terphenyl-d14	100	85.42	85		10	105
P4002-03	TP-2	BF139407.D	2-Fluorophenol	150	118.61	79		18	112
			Phenol-d6	150	116.66	78		15	107
			Nitrobenzene-d5	100	87.45	87		18	107
			2-Fluorobiphenyl	100	91.77	92		20	109
			2,4,6-Tribromophenol	150	99.88	67		10	116
			Terphenyl-d14	100	75.80	76		10	105
P4002-03MS	TP-2MS	BF139408.D	2-Fluorophenol	150	117.89	79		18	112
			Phenol-d6	150	117.16	78		15	107
			Nitrobenzene-d5	100	84.96	85		18	107
			2-Fluorobiphenyl	100	87.08	87		20	109
			2,4,6-Tribromophenol	150	98.99	66		10	116
			Terphenyl-d14	100	79.21	79		10	105
P4002-03MSD	TP-2MSD	BF139409.D	2-Fluorophenol	150	121.58	81		18	112
			Phenol-d6	150	120.98	81		15	107
			Nitrobenzene-d5	100	86.89	87		18	107
			2-Fluorobiphenyl	100	92.06	92		20	109
			2,4,6-Tribromophenol	150	107.29	72		10	116
			Terphenyl-d14	100	83.68	84		10	105
P4002-05	TP-4	BF139410.D	2-Fluorophenol	150	90.13	60		18	112
			Phenol-d6	150	88.31	59		15	107
			Nitrobenzene-d5	100	65.59	66		18	107
			2-Fluorobiphenyl	100	70.23	70		20	109
			2,4,6-Tribromophenol	150	75.48	50		10	116
			Terphenyl-d14	100	72.03	72		10	105

Surrogate Summary

SW-846

SDG No.: **BF091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3932-03	FM1	BF139398.D	2-Fluorophenol	150	95.93	64		10	139
			Phenol-d6	150	90.03	60		10	134
			Nitrobenzene-d5	100	75.54	76		49	133
			2-Fluorobiphenyl	100	77.46	77		52	132
			2,4,6-Tribromophenol	150	115.76	77		44	137
			Terphenyl-d14	100	78.46	78		48	125
PB163307TB	PB163307TB	BF139395.D	2-Fluorophenol	150	109.95	73		10	139
			Phenol-d6	150	108.52	72		10	134
			Nitrobenzene-d5	100	74.89	75		49	133
			2-Fluorobiphenyl	100	73.13	73		52	132
			2,4,6-Tribromophenol	150	111.40	74		44	137
			Terphenyl-d14	100	75.14	75		48	125
PB163358TB	PB163358TB	BF139396.D	2-Fluorophenol	150	109.20	73		10	139
			Phenol-d6	150	108.89	73		10	134
			Nitrobenzene-d5	100	74.69	75		49	133
			2-Fluorobiphenyl	100	73.13	73		52	132
			2,4,6-Tribromophenol	150	111.76	75		44	137
			Terphenyl-d14	100	75.32	75		48	125
PB163414BL	PB163414BL	BF139394.D	2-Fluorophenol	150	119.29	80		10	139
			Phenol-d6	150	118.97	79		10	134
			Nitrobenzene-d5	100	82.12	82		49	133
			2-Fluorobiphenyl	100	81.25	81		52	132
			2,4,6-Tribromophenol	150	127.25	85		44	137
			Terphenyl-d14	100	83.43	83		48	125
PB163414BS	PB163414BS	BF139397.D	2-Fluorophenol	150	128.78	86		10	139
			Phenol-d6	150	128.52	86		10	134
			Nitrobenzene-d5	100	89.12	89		49	133
			2-Fluorobiphenyl	100	89.13	89		52	132
			2,4,6-Tribromophenol	150	138.33	92		44	137
			Terphenyl-d14	100	111.10	111		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091724

Lab Code: CHEM

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139392.D

DFTPP Injection Date: 09/17/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	17.7 (19.6) 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	BF139393.D	09/17/2024	10:40
PB163414BL	PB163414BL	BF139394.D	09/17/2024	11:08
PB163307TB	PB163307TB	BF139395.D	09/17/2024	11:36
PB163358TB	PB163358TB	BF139396.D	09/17/2024	12:05
PB163414BS	PB163414BS	BF139397.D	09/17/2024	12:34
FM1	P3932-03	BF139398.D	09/17/2024	13:21
COMP-1	P3905-06	BF139399.D	09/17/2024	13:48
TP-7	P3985-03	BF139400.D	09/17/2024	14:17
TP-7MS	P3985-03MS	BF139401.D	09/17/2024	14:45
TP-7MSD	P3985-03MSD	BF139402.D	09/17/2024	15:13
HD-02-091224DL	P3980-01DL	BF139403.D	09/17/2024	15:41
TP-2	P3989-01	BF139404.D	09/17/2024	16:10
TP-3	P3989-05	BF139405.D	09/17/2024	16:38
TP-3	P3985-01	BF139406.D	09/17/2024	17:07
TP-2	P4002-03	BF139407.D	09/17/2024	17:36
TP-2MS	P4002-03MS	BF139408.D	09/17/2024	18:04
TP-2MSD	P4002-03MSD	BF139409.D	09/17/2024	18:33
TP-4	P4002-05	BF139410.D	09/17/2024	19:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091724

Lab Code: CHEM

SAS No.: BF091724 SDG NO.: BF091724

Lab File ID: BF139392.D

DFTPP Injection Date: 09/17/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	17.7 (19.6) 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
WC-C-COMP	P3984-07	BF139411.D	09/17/2024	19:30
DN-B-39	P3963-01	BF139412.D	09/17/2024	19:58
WC-A-COMP	P3984-01	BF139413.D	09/17/2024	20:26
OK-02-09132024	P4000-01	BF139414.D	09/17/2024	20:54