

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG No.: BF100724
Instrument ID: BNA_F Calibration Date/Time: 10/7/2024 1:10:47
Lab File ID: BF139677.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	0.794	0.788		-0.756	
Pyridine	1.213	1.223		0.824	
2-Fluorophenol	1.154	1.151		-0.26	
Benzaldehyde	0.822	0.751		-8.637	
Aniline	1.377	1.261		-8.424	
Phenol-d6	1.552	1.568		1.031	
Phenol	1.632	1.643		0.674	20.0
bis(2-Chloroethyl) ether	1.329	1.268		-4.59	
2-Chlorophenol	1.236	1.220		-1.294	
1,2-Dichlorobenzene	1.320	1.292		-2.121	
1,3-Dichlorobenzene	1.391	1.366		-1.797	
1,4-Dichlorobenzene	1.409	1.372		-2.626	20.0
Benzyl Alcohol	1.186	1.160		-2.192	
2-Methylphenol	1.032	1.032		0.0	
2,2-oxybis(1-Chloropropane)	2.300	2.162		-6.0	
Acetophenone	0.475	0.452		-4.842	
3+4-Methylphenols	1.296	1.297		0.077	
n-Nitroso-di-n-propylamine	0.998	0.954	0.050	-4.409	
Nitrobenzene-d5	0.395	0.380		-3.797	
Hexachloroethane	0.525	0.508		-3.238	
Nitrobenzene	0.409	0.393		-3.912	
Isophorone	0.702	0.670		-4.558	
2-Nitrophenol	0.176	0.178		1.136	20.0
2,4-Dimethylphenol	0.215	0.208		-3.256	
bis(2-Chloroethoxy) methane	0.419	0.399		-4.773	
2,4-Dichlorophenol	0.281	0.277		-1.423	20.0
1,2,4-Trichlorobenzene	0.318	0.302		-5.031	
Benzoic acid	0.214	0.222		3.738	
Naphthalene	1.023	0.978		-4.399	
4-Chloroaniline	0.346	0.337		-2.601	
Hexachlorobutadiene	0.205	0.193		-5.854	20.0
Caprolactam	0.092	0.096		4.348	
4-Chloro-3-methylphenol	0.318	0.318		0.0	20.0
2-Methylnaphthalene	0.666	0.638		-4.204	
Hexachlorocyclopentadiene	0.170	0.151	0.050	-11.176	
2,4,6-Trichlorophenol	0.374	0.354		-5.348	20.0
2-Fluorobiphenyl	1.303	1.199		-7.982	
2,4,5-Trichlorophenol	0.404	0.391		-3.218	
1,1-Biphenyl	1.488	1.410		-5.242	

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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	1.115	1.056		-5.291	
2-Nitroaniline	0.400	0.405		1.25	
Dimethylphthalate	1.309	1.271		-2.903	
Acenaphthylene	1.696	1.640		-3.302	
2,6-Dinitrotoluene	0.296	0.296		0.0	
3-Nitroaniline	0.302	0.303		0.331	
Acenaphthene	1.164	1.135		-2.491	20.0
2,4-Dinitrophenol	0.159	0.174	0.050	9.434	
4-Nitrophenol	0.230	0.235	0.050	2.174	
Dibenzofuran	1.630	1.563		-4.11	
2,4-Dinitrotoluene	0.387	0.403		4.134	
Diethylphthalate	1.352	1.320		-2.367	
4-Chlorophenyl-phenylether	0.650	0.622		-4.308	
Fluorene	1.298	1.263		-2.696	
4-Nitroaniline	0.309	0.310		0.324	
4,6-Dinitro-2-methylphenol	0.113	0.117		3.54	
n-Nitrosodiphenylamine	0.590	0.549		-6.949	20.0
Azobenzene	1.360	1.321		-2.868	
2,4,6-Tribromophenol	0.193	0.193		0.0	
4-Bromophenyl-phenylether	0.205	0.193		-5.854	
Hexachlorobenzene	0.228	0.214		-6.14	
Atrazine	0.158	0.145		-8.228	
Pentachlorophenol	0.135	0.130		-3.704	20.0
Phenanthrene	0.943	0.896		-4.984	
Anthracene	0.933	0.885		-5.145	
Carbazole	0.896	0.886		-1.116	
Di-n-butylphthalate	1.090	1.075		-1.376	
Fluoranthene	1.031	1.030		-0.097	20.0
Benzidine	0.353	0.285		-19.263	
Pyrene	1.789	1.719		-3.913	
Terphenyl-d14	1.219	1.157		-5.086	
Butylbenzylphthalate	0.640	0.666		4.063	
3,3-Dichlorobenzidine	0.402	0.376		-6.468	
Benzo(a)anthracene	1.315	1.305		-0.76	
Chrysene	1.202	1.119		-6.905	
Bis(2-ethylhexyl)phthalate	0.799	0.851		6.508	
Di-n-octyl phthalate	1.174	1.144		-2.555	20.0
Benzo(b)fluoranthene	1.293	1.182		-8.585	
Benzo(k)fluoranthene	1.097	0.990		-9.754	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG No.: BF100724

Instrument ID: BNA_F Calibration Date/Time: 10/7/2024 10:47

Lab File ID: BF139677.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	1.020	0.993		-2.647	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.172		-0.425	
Dibenzo(a,h)anthracene	0.976	0.967		-0.922	
Benzo(g,h,i)perylene	0.979	0.990		1.124	
1,2,4,5-Tetrachlorobenzene	0.555	0.524		-5.586	
1,4-Dioxane	0.499	0.491		-1.603	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.318		-2.454	
1-Methylnaphthalene	0.651	0.624		-4.147	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BL	SDG No.:	BF100724
Lab Sample ID:	PB163905BL	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
BF139678.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BL	SDG No.:	BF100724
Lab Sample ID:	PB163905BL	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
BF139678.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BL	SDG No.:	BF100724
Lab Sample ID:	PB163905BL	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
BF139678.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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	136.996		10-139		91	SPK: -150
13127-88-3	Phenol-d6	136.863		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	90.405		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.724		52-132		88	SPK: -100

Report of Analysis

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Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BL	SDG No.:	BF100724
Lab Sample ID:	PB163905BL	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
BF139678.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.412		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	78.957		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91249	6.869				
1146-65-2	Naphthalene-d8	350368	8.145				
15067-26-2	Acenaphthene-d10	202991	9.904				
1517-22-2	Phenanthrene-d10	414186	11.392				
1719-03-5	Chrysene-d12	321328	14.027				
1520-96-3	Perylene-d12	281241	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.7	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.3	A			5.11	

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BS	SDG No.:	BF100724
Lab Sample ID:	PB163905BS	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
BF139679.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.2		1	8	10	ug/L
110-86-1	Pyridine	45.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	24.8		4	8	10	ug/L
62-53-3	Aniline	56.6		1.6	4	5	ug/L
108-95-2	Phenol	50.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.6		1.4	4	5	ug/L
98-86-2	Acetophenone	45.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.5		1	4	5	ug/L
98-95-3	Nitrobenzene	44.8		1.3	4	5	ug/L
78-59-1	Isophorone	46.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43		1.1	4	5	ug/L
65-85-0	Benzoic acid	48.1		5.5	8	10	ug/L
91-20-3	Naphthalene	45.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	38.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BS	SDG No.:	BF100724
Lab Sample ID:	PB163905BS	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
BF139679.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	41.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	51		0.81	4	5	ug/L
Total PAH	Total PAH	772		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.4		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.9		0.98	4	5	ug/L
86-73-7	Fluorene	45.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.1		0.89	4	5	ug/L
103-33-3	Azobenzene	46.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.7		1.1	4	5	ug/L
1912-24-9	Atrazine	56.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BS	SDG No.:	BF100724
Lab Sample ID:	PB163905BS	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
BF139679.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.1		0.89	4	5	ug/L
120-12-7	Anthracene	48.8		1.1	4	5	ug/L
86-74-8	Carbazole	47.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	47.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.6		1.3	4	5	ug/L
92-87-5	Benzidine	100	E	4.1	8	10	ug/L
129-00-0	Pyrene	44.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	41.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.2		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	53		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.462		10-139		93	SPK: -150
13127-88-3	Phenol-d6	138.253		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	89.648		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	86.445		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BS	SDG No.:	BF100724
Lab Sample ID:	PB163905BS	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
BF139679.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.86		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	90.14		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92737	6.869				
1146-65-2	Naphthalene-d8	365857	8.151				
15067-26-2	Acenaphthene-d10	215100	9.91				
1517-22-2	Phenanthrene-d10	422187	11.392				
1719-03-5	Chrysene-d12	265787	14.039				
1520-96-3	Perylene-d12	188660	15.504				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BSD	SDG No.:	BF100724
Lab Sample ID:	PB163905BSD	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
BF139680.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	49.7		1	8	10	ug/L
110-86-1	Pyridine	46		1.6	4	5	ug/L
100-52-7	Benzaldehyde	25.4		4	8	10	ug/L
62-53-3	Aniline	57.2		1.6	4	5	ug/L
108-95-2	Phenol	52.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	51.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.7		1.4	4	5	ug/L
98-86-2	Acetophenone	48.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	51.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.8		1	4	5	ug/L
98-95-3	Nitrobenzene	46.6		1.3	4	5	ug/L
78-59-1	Isophorone	49.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	60.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.1		5.5	8	10	ug/L
91-20-3	Naphthalene	48.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	24.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BSD	SDG No.:	BF100724
Lab Sample ID:	PB163905BSD	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
BF139680.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	38		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.2		0.81	4	5	ug/L
Total PAH	Total PAH	824.5		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	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	50.5		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.1		0.98	4	5	ug/L
86-73-7	Fluorene	49.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.2		0.89	4	5	ug/L
103-33-3	Azobenzene	50.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.8		1.1	4	5	ug/L
1912-24-9	Atrazine	60.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BSD	SDG No.:	BF100724
Lab Sample ID:	PB163905BSD	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
BF139680.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.9	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.8		0.89	4	5	ug/L
120-12-7	Anthracene	52		1.1	4	5	ug/L
86-74-8	Carbazole	51.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	51		1.3	4	5	ug/L
92-87-5	Benzidine	89.8	E	4.1	8	10	ug/L
129-00-0	Pyrene	49.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.1		0.94	4	5	ug/L
218-01-9	Chrysene	51.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	55.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	143.382		10-139		96	SPK: -150
13127-88-3	Phenol-d6	142.864		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	93.751		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	90.177		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163905BSD	SDG No.:	BF100724
Lab Sample ID:	PB163905BSD	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
BF139680.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.799		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	98.058		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90983	6.869				
1146-65-2	Naphthalene-d8	357329	8.151				
15067-26-2	Acenaphthene-d10	208611	9.91				
1517-22-2	Phenanthrene-d10	411350	11.392				
1719-03-5	Chrysene-d12	250047	14.039				
1520-96-3	Perylene-d12	186311	15.504				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BL	SDG No.:	BF100724
Lab Sample ID:	PB163898BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139681.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

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

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BL	SDG No.:	BF100724
Lab Sample ID:	PB163898BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139681.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

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

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BL	SDG No.:	BF100724
Lab Sample ID:	PB163898BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139681.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	151.422		18-112		101	SPK: -150
13127-88-3	Phenol-d6	147.695		15-107		98	SPK: -150
4165-60-0	Nitrobenzene-d5	97.947		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	94.327		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BL	SDG No.:	BF100724
Lab Sample ID:	PB163898BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139681.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.867		10-116		97	SPK: -150
1718-51-0	Terphenyl-d14	86.344		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83719	6.869				
1146-65-2	Naphthalene-d8	322477	8.145				
15067-26-2	Acenaphthene-d10	187389	9.904				
1517-22-2	Phenanthrene-d10	382857	11.386				
1719-03-5	Chrysene-d12	293535	14.027				
1520-96-3	Perylene-d12	241949	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.104	

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BS	SDG No.:	BF100724
Lab Sample ID:	PB163898BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139682.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.8	270	330	ug/Kg
110-86-1	Pyridine	1600		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	880		180	270	330	ug/Kg
62-53-3	Aniline	1900		96.9	130	170	ug/Kg
108-95-2	Phenol	1800		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1800		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1800		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1700		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1800		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.8	130	170	ug/Kg
78-59-1	Isophorone	1700		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	800		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BS	SDG No.:	BF100724
Lab Sample ID:	PB163898BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139682.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1800		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81.1	130	170	ug/Kg
Total PAH	Total PAH	28600		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1700		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BS	SDG No.:	BF100724
Lab Sample ID:	PB163898BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139682.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1700		84	130	170	ug/Kg
120-12-7	Anthracene	1800		84.4	130	170	ug/Kg
86-74-8	Carbazole	1800		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.7	130	170	ug/Kg
92-87-5	Benzidine	3000	E	160	270	330	ug/Kg
129-00-0	Pyrene	1700		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1800		80.7	130	170	ug/Kg
218-01-9	Chrysene	1800		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	146.976		18-112		98	SPK: -150
13127-88-3	Phenol-d6	147.374		15-107		98	SPK: -150
4165-60-0	Nitrobenzene-d5	96.741		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	93.688		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163898BS	SDG No.:	BF100724
Lab Sample ID:	PB163898BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139682.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.341		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	100.87		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91000	6.869				
1146-65-2	Naphthalene-d8	356324	8.151				
15067-26-2	Acenaphthene-d10	206458	9.91				
1517-22-2	Phenanthrene-d10	401377	11.392				
1719-03-5	Chrysene-d12	245646	14.039				
1520-96-3	Perylene-d12	177823	15.504				

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BL	SDG No.:	BF100724
Lab Sample ID:	PB163870BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139683.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BL	SDG No.:	BF100724
Lab Sample ID:	PB163870BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139683.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BL	SDG No.:	BF100724
Lab Sample ID:	PB163870BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139683.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	150.222		18-112		100	SPK: -150
13127-88-3	Phenol-d6	146.295		15-107		98	SPK: -150
4165-60-0	Nitrobenzene-d5	97.106		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	95.003		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BL	SDG No.:	BF100724
Lab Sample ID:	PB163870BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139683.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.792		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	84.708		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84441	6.869				
1146-65-2	Naphthalene-d8	325397	8.145				
15067-26-2	Acenaphthene-d10	188571	9.904				
1517-22-2	Phenanthrene-d10	384480	11.386				
1719-03-5	Chrysene-d12	291863	14.027				
1520-96-3	Perylene-d12	231220	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.104	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BS	SDG No.:	BF100724
Lab Sample ID:	PB163870BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139684.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.8	270	330	ug/Kg
110-86-1	Pyridine	1500		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	840		180	270	330	ug/Kg
62-53-3	Aniline	1800		96.9	130	170	ug/Kg
108-95-2	Phenol	1700		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BS	SDG No.:	BF100724
Lab Sample ID:	PB163870BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139684.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1400		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81.1	130	170	ug/Kg
Total PAH	Total PAH	26300		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BS	SDG No.:	BF100724
Lab Sample ID:	PB163870BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139684.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	3300	E	160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.67		18-112		92	SPK: -150
13127-88-3	Phenol-d6	137.535		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	91.514		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	88.35		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163870BS	SDG No.:	BF100724
Lab Sample ID:	PB163870BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139684.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.665		10-116		94	SPK: -150
1718-51-0	Terphenyl-d14	92.899		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94125	6.869				
1146-65-2	Naphthalene-d8	362215	8.151				
15067-26-2	Acenaphthene-d10	211552	9.91				
1517-22-2	Phenanthrene-d10	422078	11.392				
1719-03-5	Chrysene-d12	262010	14.039				
1520-96-3	Perylene-d12	193748	15.504				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BS	SDG No.:	BF100724
Lab Sample ID:	PB163902BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139685.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.7		1	8	10	ug/L
110-86-1	Pyridine	45.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	24.4		4	8	10	ug/L
62-53-3	Aniline	51.8		1.6	4	5	ug/L
108-95-2	Phenol	51		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.8		1.4	4	5	ug/L
98-86-2	Acetophenone	46.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.9		1.5	4	5	ug/L
67-72-1	Hexachloroethane	46.4		1	4	5	ug/L
98-95-3	Nitrobenzene	45.8		1.3	4	5	ug/L
78-59-1	Isophorone	47.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	59		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	48.7		5.5	8	10	ug/L
91-20-3	Naphthalene	46.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	17.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BS	SDG No.:	BF100724
Lab Sample ID:	PB163902BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139685.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.1		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	44.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	52.1		0.81	4	5	ug/L
Total PAH	Total PAH	783.1		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	99.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.7		0.98	4	5	ug/L
86-73-7	Fluorene	47.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.5		0.89	4	5	ug/L
103-33-3	Azobenzene	48.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.1		1.1	4	5	ug/L
1912-24-9	Atrazine	57.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BS	SDG No.:	BF100724
Lab Sample ID:	PB163902BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139685.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.8		0.89	4	5	ug/L
120-12-7	Anthracene	49.9		1.1	4	5	ug/L
86-74-8	Carbazole	48.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.5		1.3	4	5	ug/L
92-87-5	Benzidine	81.3	E	4.1	8	10	ug/L
129-00-0	Pyrene	46.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.6		0.94	4	5	ug/L
218-01-9	Chrysene	47.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49		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	50.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.4		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.8		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	42.4		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.816		60-140		96	SPK: -100
13127-88-3	Phenol-d6	94.552		60-140		95	SPK: -100
4165-60-0	Nitrobenzene-d5	88.498		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	83.755		60-140		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	93.18		60-140		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BS	SDG No.:	BF100724
Lab Sample ID:	PB163902BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139685.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	90.67		60-140		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100095	6.869				
1146-65-2	Naphthalene-d8	391689	8.151				
15067-26-2	Acenaphthene-d10	230281	9.91				
1517-22-2	Phenanthrene-d10	448928	11.392				
1719-03-5	Chrysene-d12	273215	14.039				
1520-96-3	Perylene-d12	208036	15.504				
	1-Methylnaphthalene	44.6					

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BSD	SDG No.:	BF100724
Lab Sample ID:	PB163902BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139686.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.1		1	8	10	ug/L
110-86-1	Pyridine	49		1.6	4	5	ug/L
100-52-7	Benzaldehyde	26.4		4	8	10	ug/L
62-53-3	Aniline	54.4		1.6	4	5	ug/L
108-95-2	Phenol	54.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	54.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	48.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	49		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	53.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	53.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.9		1.4	4	5	ug/L
98-86-2	Acetophenone	50.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	53.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	51.3		1.5	4	5	ug/L
67-72-1	Hexachloroethane	48.6		1	4	5	ug/L
98-95-3	Nitrobenzene	48.8		1.3	4	5	ug/L
78-59-1	Isophorone	51.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	64.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	53.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	53.4		5.5	8	10	ug/L
91-20-3	Naphthalene	49.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	15.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BSD	SDG No.:	BF100724
Lab Sample ID:	PB163902BSD	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139686.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	53.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	50.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	51.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	49.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	52.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.4		0.81	4	5	ug/L
Total PAH	Total PAH	861.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	51.7		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	53.5		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.7		2.7	4	10	ug/L
84-66-2	Diethylphthalate	52.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.3		0.98	4	5	ug/L
86-73-7	Fluorene	51.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	54.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	52.3		0.89	4	5	ug/L
103-33-3	Azobenzene	52.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	50.1		1.1	4	5	ug/L
1912-24-9	Atrazine	63.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BSD	SDG No.:	BF100724
Lab Sample ID:	PB163902BSD	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139686.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	52.8		0.89	4	5	ug/L
120-12-7	Anthracene	54.5		1.1	4	5	ug/L
86-74-8	Carbazole	52.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	52.8		1.3	4	5	ug/L
92-87-5	Benzidine	81.5	E	4.1	8	10	ug/L
129-00-0	Pyrene	51.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.94	4	5	ug/L
218-01-9	Chrysene	53		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	58.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	55.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	57.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.1		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.9		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	45.4		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	101.8		60-140		102	SPK: -100
13127-88-3	Phenol-d6	101.501		60-140		102	SPK: -100
4165-60-0	Nitrobenzene-d5	96.075		60-140		96	SPK: -100
321-60-8	2-Fluorobiphenyl	93.172		60-140		93	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.115		60-140		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BSD	SDG No.:	BF100724
Lab Sample ID:	PB163902BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139686.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	100.023		60-140		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92952	6.869				
1146-65-2	Naphthalene-d8	358469	8.151				
15067-26-2	Acenaphthene-d10	207408	9.91				
1517-22-2	Phenanthrene-d10	406759	11.392				
1719-03-5	Chrysene-d12	246141	14.039				
1520-96-3	Perylene-d12	185329	15.504				
	1-Methylnaphthalene	48.2					

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BL	SDG No.:	BF100724
Lab Sample ID:	PB163902BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139687.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

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	4	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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BL	SDG No.:	BF100724
Lab Sample ID:	PB163902BL	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139687.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BL	SDG No.:	BF100724
Lab Sample ID:	PB163902BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139687.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103.353		60-140		103	SPK: -100
13127-88-3	Phenol-d6	103.186		60-140		103	SPK: -100
4165-60-0	Nitrobenzene-d5	97.538		60-140		98	SPK: -100
321-60-8	2-Fluorobiphenyl	94.698		60-140		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	97.305		60-140		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163902BL	SDG No.:	BF100724
Lab Sample ID:	PB163902BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139687.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	88.692		60-140		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89954	6.869				
1146-65-2	Naphthalene-d8	344839	8.145				
15067-26-2	Acenaphthene-d10	195984	9.904				
1517-22-2	Phenanthrene-d10	402197	11.386				
1719-03-5	Chrysene-d12	291108	14.027				
1520-96-3	Perylene-d12	222477	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	12.1	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	17	A			5.093	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208RE	SDG No.:	BF100724
Lab Sample ID:	P4276-02RE	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
BF139688.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163883

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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208RE	SDG No.:	BF100724
Lab Sample ID:	P4276-02RE	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
BF139688.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163883

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	64.4		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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208RE	SDG No.:	BF100724
Lab Sample ID:	P4276-02RE	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
BF139688.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	40.4	J	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	139.653		10-139		93	SPK: -150
13127-88-3	Phenol-d6	61.059		10-134		41	SPK: -150
4165-60-0	Nitrobenzene-d5	110.114		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	265.587	*	52-132		266	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208RE	SDG No.:	BF100724
Lab Sample ID:	P4276-02RE	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
BF139688.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	419.588	*	44-137		280	SPK: -150
1718-51-0	Terphenyl-d14	342.488	*	48-125		342	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85821	6.863				
1146-65-2	Naphthalene-d8	304978	8.145				
15067-26-2	Acenaphthene-d10	65875	9.898				
1517-22-2	Phenanthrene-d10	200338	11.386				
1719-03-5	Chrysene-d12	33483	14.027				
1520-96-3	Perylene-d12	2391	15.492				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	222254	SDG No.:	BF100724
Lab Sample ID:	P4274-01	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
BF139689.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	222254	SDG No.:	BF100724
Lab Sample ID:	P4274-01	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
BF139689.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	222254	SDG No.:	BF100724
Lab Sample ID:	P4274-01	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
BF139689.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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	69.04		10-139		46	SPK: -150
13127-88-3	Phenol-d6	41.515		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	100.578		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	96.092		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	222254	SDG No.:	BF100724
Lab Sample ID:	P4274-01	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
BF139689.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.623		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	94.493		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82902	6.863				
1146-65-2	Naphthalene-d8	314124	8.145				
15067-26-2	Acenaphthene-d10	175942	9.898				
1517-22-2	Phenanthrene-d10	347983	11.386				
1719-03-5	Chrysene-d12	214408	14.027				
1520-96-3	Perylene-d12	160224	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	350	J			2.163	
000119-61-9	Benzophenone	2.4	J			10.616	
000057-10-3	n-Hexadecanoic acid	5.1	J			11.91	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	WATER-TOTES	SDG No.:	BF100724
Lab Sample ID:	P4285-03	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
BF139690.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	WATER-TOTES	SDG No.:	BF100724
Lab Sample ID:	P4285-03	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
BF139690.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	WATER-TOTES	SDG No.:	BF100724
Lab Sample ID:	P4285-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139690.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

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	62.809		10-139		42	SPK: -150
13127-88-3	Phenol-d6	38.822		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	92.93		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.845		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	WATER-TOTES	SDG No.:	BF100724
Lab Sample ID:	P4285-03	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
BF139690.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.593		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	92.779		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90457	6.863				
1146-65-2	Naphthalene-d8	326769	8.145				
15067-26-2	Acenaphthene-d10	178080	9.898				
1517-22-2	Phenanthrene-d10	307222	11.386				
1719-03-5	Chrysene-d12	161840	14.027				
1520-96-3	Perylene-d12	175613	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	300	J			2.157	
000540-88-5	Acetic acid, 1,1-dimethylethyl est	300	J			2.569	
000102-76-1	Triacetin	8	J			8.91	
025080-84-6	Benzenepropanoic acid, .beta.,.bet	5.3	J			10.163	
000057-10-3	n-Hexadecanoic acid	3.6	J			11.91	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4	SDG No.:	BF100724
Lab Sample ID:	P4290-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139691.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.6	U	64.6	200	250	ug/Kg
110-86-1	Pyridine	59.5	U	59.5	96.8	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	72.1	U	72.1	96.8	130	ug/Kg
108-95-2	Phenol	61.7	U	61.7	96.8	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.3	U	62.3	96.8	130	ug/Kg
95-57-8	2-Chlorophenol	62.1	U	62.1	96.8	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	63	U	63	96.8	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	64	U	64	96.8	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.4	U	64.4	96.8	130	ug/Kg
100-51-6	Benzyl Alcohol	61.8	U	61.8	200	250	ug/Kg
95-48-7	2-Methylphenol	60	U	60	96.8	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.7	U	67.7	96.8	130	ug/Kg
98-86-2	Acetophenone	64.7	U	64.7	96.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.4	U	59.4	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30	U	30	59.5	59.5	ug/Kg
67-72-1	Hexachloroethane	61.8	U	61.8	96.8	130	ug/Kg
98-95-3	Nitrobenzene	67.6	U	67.6	96.8	130	ug/Kg
78-59-1	Isophorone	63	U	63	96.8	130	ug/Kg
88-75-5	2-Nitrophenol	70.3	U	70.3	96.8	130	ug/Kg
105-67-9	2,4-Dimethylphenol	69.4	U	69.4	96.8	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.9	U	63.9	96.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56.2	U	56.2	96.8	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.6	U	63.6	96.8	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	61.5	U	61.5	96.8	130	ug/Kg
106-47-8	4-Chloroaniline	61.5	U	61.5	96.8	130	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	96.8	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4	SDG No.:	BF100724
Lab Sample ID:	P4290-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139691.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.6	U	64.6	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.7	U	57.7	96.8	130	ug/Kg
91-57-6	2-Methylnaphthalene	61.4	U	61.4	96.8	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.1	U	53.1	96.8	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.1	U	55.1	96.8	130	ug/Kg
92-52-4	1,1-Biphenyl	65.1	U	65.1	96.8	130	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	96.8	130	ug/Kg
88-74-4	2-Nitroaniline	70.7	U	70.7	96.8	130	ug/Kg
131-11-3	Dimethylphthalate	60.8	U	60.8	96.8	130	ug/Kg
208-96-8	Acenaphthylene	64.4	U	64.4	96.8	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.9	U	61.9	96.8	130	ug/Kg
99-09-2	3-Nitroaniline	66.4	U	66.4	96.8	130	ug/Kg
83-32-9	Acenaphthene	60.4	U	60.4	96.8	130	ug/Kg
Total PAH	Total PAH	986.3	U	986.3	96.8	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	86.3	U	86.3	200	250	ug/Kg
132-64-9	Dibenzofuran	62.8	U	62.8	96.8	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	126.1	U	126.1	96.8	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.2	U	64.2	96.8	130	ug/Kg
84-66-2	Diethylphthalate	59.6	U	59.6	96.8	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.7	U	63.7	96.8	130	ug/Kg
86-73-7	Fluorene	63.6	U	63.6	96.8	130	ug/Kg
100-01-6	4-Nitroaniline	79.6	U	79.6	96.8	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.1	U	87.1	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.7	U	60.7	96.8	130	ug/Kg
103-33-3	Azobenzene	59.2	U	59.2	96.8	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.7	U	58.7	96.8	130	ug/Kg
118-74-1	Hexachlorobenzene	63.3	U	63.3	96.8	130	ug/Kg
1912-24-9	Atrazine	68	U	68	96.8	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4	SDG No.:	BF100724
Lab Sample ID:	P4290-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139691.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.5	U	57.5	200	250	ug/Kg
85-01-8	Phenanthrene	62.5	U	62.5	96.8	130	ug/Kg
120-12-7	Anthracene	62.8	U	62.8	96.8	130	ug/Kg
86-74-8	Carbazole	59.8	U	59.8	96.8	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.7	U	62.7	96.8	130	ug/Kg
206-44-0	Fluoranthene	60.8	U	60.8	96.8	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	61.8	U	61.8	96.8	130	ug/Kg
85-68-7	Butylbenzylphthalate	72	U	72	96.8	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73.4	U	73.4	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	60.1	U	60.1	96.8	130	ug/Kg
218-01-9	Chrysene	59.2	U	59.2	96.8	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.7	U	67.7	96.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.9	U	81.9	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	60.4	U	60.4	96.8	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.5	U	61.5	96.8	130	ug/Kg
50-32-8	Benzo(a)pyrene	69.2	U	69.2	96.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58.1	U	58.1	96.8	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60.4	U	60.4	96.8	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59.6	U	59.6	96.8	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.6	U	64.6	96.8	130	ug/Kg
123-91-1	1,4-Dioxane	81.9	U	81.9	96.8	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.6	U	55.6	96.8	130	ug/Kg
90-12-0	1-Methylnaphthalene	61.9	U	61.9	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.505		18-112		71	SPK: -150
13127-88-3	Phenol-d6	105.288		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	71.851		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.055		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4	SDG No.:	BF100724
Lab Sample ID:	P4290-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139691.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.489		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	76.115		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82067	6.863				
1146-65-2	Naphthalene-d8	308222	8.145				
15067-26-2	Acenaphthene-d10	171878	9.898				
1517-22-2	Phenanthrene-d10	339755	11.386				
1719-03-5	Chrysene-d12	207113	14.027				
1520-96-3	Perylene-d12	168793	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.081	
000119-61-9	Benzophenone	320	J			10.616	
000057-10-3	n-Hexadecanoic acid	160	J			11.91	
000638-58-4	Tetradecanamide	51.4	J			14.78	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MS	SDG No.:	BF100724
Lab Sample ID:	P4290-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
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
BF139692.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		64.7	200	250	ug/Kg
110-86-1	Pyridine	1100		59.5	96.8	130	ug/Kg
100-52-7	Benzaldehyde	590		140	200	250	ug/Kg
62-53-3	Aniline	1000		72.2	96.8	130	ug/Kg
108-95-2	Phenol	1200		61.8	96.8	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		62.3	96.8	130	ug/Kg
95-57-8	2-Chlorophenol	1200		62.2	96.8	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		63	96.8	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		64.1	96.8	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		64.4	96.8	130	ug/Kg
100-51-6	Benzyl Alcohol	1200		61.8	200	250	ug/Kg
95-48-7	2-Methylphenol	1200		60	96.8	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		67.7	96.8	130	ug/Kg
98-86-2	Acetophenone	1100		64.7	96.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1200		59.4	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		30	59.6	59.6	ug/Kg
67-72-1	Hexachloroethane	1100		61.8	96.8	130	ug/Kg
98-95-3	Nitrobenzene	1100		67.6	96.8	130	ug/Kg
78-59-1	Isophorone	1100		63	96.8	130	ug/Kg
88-75-5	2-Nitrophenol	1200		70.4	96.8	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		69.4	96.8	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		63.9	96.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		56.2	96.8	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		63.6	96.8	130	ug/Kg
65-85-0	Benzoic acid	1100		180	200	250	ug/Kg
91-20-3	Naphthalene	1100		61.5	96.8	130	ug/Kg
106-47-8	4-Chloroaniline	310		61.5	96.8	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		62	96.8	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MS	SDG No.:	BF100724
Lab Sample ID:	P4290-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139692.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		64.7	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		57.7	96.8	130	ug/Kg
91-57-6	2-Methylnaphthalene	1200		61.5	96.8	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		53.2	96.8	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		55.1	96.8	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		65.1	96.8	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		62	96.8	130	ug/Kg
88-74-4	2-Nitroaniline	1200		70.8	96.8	130	ug/Kg
131-11-3	Dimethylphthalate	1200		60.9	96.8	130	ug/Kg
208-96-8	Acenaphthylene	1200		64.4	96.8	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		62	96.8	130	ug/Kg
99-09-2	3-Nitroaniline	740		66.4	96.8	130	ug/Kg
83-32-9	Acenaphthene	1300		60.4	96.8	130	ug/Kg
Total PAH	Total PAH	19100		987.1	96.8	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	2500	E	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	2300	E	86.4	200	250	ug/Kg
132-64-9	Dibenzofuran	1100		62.9	96.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		64.2	96.8	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		126.2	96.8	260	ug/Kg
84-66-2	Diethylphthalate	1100		59.7	96.8	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		63.8	96.8	130	ug/Kg
86-73-7	Fluorene	1100		63.7	96.8	130	ug/Kg
100-01-6	4-Nitroaniline	1200		79.7	96.8	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		87.2	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		60.8	96.8	130	ug/Kg
103-33-3	Azobenzene	1300		59.3	96.8	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		58.8	96.8	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		63.3	96.8	130	ug/Kg
1912-24-9	Atrazine	1400		68.1	96.8	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MS	SDG No.:	BF100724
Lab Sample ID:	P4290-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139692.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	57.6	200	250	ug/Kg
85-01-8	Phenanthrene	1200		62.6	96.8	130	ug/Kg
120-12-7	Anthracene	1200		62.9	96.8	130	ug/Kg
86-74-8	Carbazole	1200		59.8	96.8	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		62.8	96.8	130	ug/Kg
206-44-0	Fluoranthene	1100		60.9	96.8	130	ug/Kg
92-87-5	Benzidine	530		120	200	250	ug/Kg
129-00-0	Pyrene	1200		61.8	96.8	130	ug/Kg
85-68-7	Butylbenzylphthalate	1300		72.1	96.8	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		73.4	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	1200		60.1	96.8	130	ug/Kg
218-01-9	Chrysene	1200		59.2	96.8	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		67.8	96.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		81.9	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		60.4	96.8	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		61.5	96.8	130	ug/Kg
50-32-8	Benzo(a)pyrene	1300		69.3	96.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		58.2	96.8	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		60.5	96.8	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		59.7	96.8	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		64.7	96.8	130	ug/Kg
123-91-1	1,4-Dioxane	1200		81.9	96.8	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		55.6	96.8	130	ug/Kg
90-12-0	1-Methylnaphthalene	1100		62	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.721		18-112		64	SPK: -150
13127-88-3	Phenol-d6	96.375		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	65.321		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	64.927		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MS	SDG No.:	BF100724
Lab Sample ID:	P4290-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139692.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.273		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	75.226		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90675	6.863				
1146-65-2	Naphthalene-d8	344947	8.145				
15067-26-2	Acenaphthene-d10	202594	9.904				
1517-22-2	Phenanthrene-d10	387701	11.392				
1719-03-5	Chrysene-d12	209779	14.033				
1520-96-3	Perylene-d12	190896	15.498				

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MSD	SDG No.:	BF100724
Lab Sample ID:	P4290-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139693.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		64.7	200	250	ug/Kg
110-86-1	Pyridine	1200		59.5	96.9	130	ug/Kg
100-52-7	Benzaldehyde	620		140	200	250	ug/Kg
62-53-3	Aniline	1100		72.2	96.9	130	ug/Kg
108-95-2	Phenol	1300		61.8	96.9	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		62.4	96.9	130	ug/Kg
95-57-8	2-Chlorophenol	1200		62.2	96.9	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		63	96.9	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		64.1	96.9	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		64.4	96.9	130	ug/Kg
100-51-6	Benzyl Alcohol	1200		61.8	200	250	ug/Kg
95-48-7	2-Methylphenol	1200		60.1	96.9	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		67.7	96.9	130	ug/Kg
98-86-2	Acetophenone	1200		64.7	96.9	130	ug/Kg
65794-96-9	3+4-Methylphenols	1200		59.5	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		30	59.6	59.6	ug/Kg
67-72-1	Hexachloroethane	1200		61.8	96.9	130	ug/Kg
98-95-3	Nitrobenzene	1200		67.7	96.9	130	ug/Kg
78-59-1	Isophorone	1200		63	96.9	130	ug/Kg
88-75-5	2-Nitrophenol	1300		70.4	96.9	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		69.4	96.9	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		63.9	96.9	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		56.3	96.9	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		63.6	96.9	130	ug/Kg
65-85-0	Benzoic acid	1200		180	200	250	ug/Kg
91-20-3	Naphthalene	1200		61.5	96.9	130	ug/Kg
106-47-8	4-Chloroaniline	350		61.5	96.9	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		62.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MSD	SDG No.:	BF100724
Lab Sample ID:	P4290-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139693.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		64.7	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		57.7	96.9	130	ug/Kg
91-57-6	2-Methylnaphthalene	1200		61.5	96.9	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4100	E	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		53.2	96.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		55.1	96.9	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		65.1	96.9	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		62.1	96.9	130	ug/Kg
88-74-4	2-Nitroaniline	1300		70.8	96.9	130	ug/Kg
131-11-3	Dimethylphthalate	1200		60.9	96.9	130	ug/Kg
208-96-8	Acenaphthylene	1300		64.4	96.9	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		62	96.9	130	ug/Kg
99-09-2	3-Nitroaniline	780		66.5	96.9	130	ug/Kg
83-32-9	Acenaphthene	1300		60.4	96.9	130	ug/Kg
Total PAH	Total PAH	20100		987.1	96.9	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	2500	E	86.4	200	250	ug/Kg
132-64-9	Dibenzofuran	1200		62.9	96.9	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		126.2	96.9	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		64.2	96.9	130	ug/Kg
84-66-2	Diethylphthalate	1200		59.7	96.9	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		63.8	96.9	130	ug/Kg
86-73-7	Fluorene	1200		63.7	96.9	130	ug/Kg
100-01-6	4-Nitroaniline	1200		79.7	96.9	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		87.2	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		60.8	96.9	130	ug/Kg
103-33-3	Azobenzene	1400		59.3	96.9	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		58.8	96.9	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		63.3	96.9	130	ug/Kg
1912-24-9	Atrazine	1500		68.1	96.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MSD	SDG No.:	BF100724
Lab Sample ID:	P4290-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139693.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	57.6	200	250	ug/Kg
85-01-8	Phenanthrene	1200		62.6	96.9	130	ug/Kg
120-12-7	Anthracene	1300		62.9	96.9	130	ug/Kg
86-74-8	Carbazole	1200		59.8	96.9	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		62.8	96.9	130	ug/Kg
206-44-0	Fluoranthene	1200		60.9	96.9	130	ug/Kg
92-87-5	Benzidine	910		120	200	250	ug/Kg
129-00-0	Pyrene	1300		61.8	96.9	130	ug/Kg
85-68-7	Butylbenzylphthalate	1400		72.1	96.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		73.5	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	1200		60.1	96.9	130	ug/Kg
218-01-9	Chrysene	1200		59.2	96.9	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		67.8	96.9	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		82	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		60.4	96.9	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		61.5	96.9	130	ug/Kg
50-32-8	Benzo(a)pyrene	1300		69.3	96.9	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		58.2	96.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		60.5	96.9	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		59.7	96.9	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		64.7	96.9	130	ug/Kg
123-91-1	1,4-Dioxane	1200		82	96.9	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		55.7	96.9	130	ug/Kg
90-12-0	1-Methylnaphthalene	1100		62	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.02		18-112		66	SPK: -150
13127-88-3	Phenol-d6	100.555		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	68.203		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	68.389		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	IB-4MSD	SDG No.:	BF100724
Lab Sample ID:	P4290-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139693.D	1	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.344		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	77.691		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88689	6.863				
1146-65-2	Naphthalene-d8	336326	8.145				
15067-26-2	Acenaphthene-d10	191822	9.904				
1517-22-2	Phenanthrene-d10	372990	11.392				
1719-03-5	Chrysene-d12	199606	14.033				
1520-96-3	Perylene-d12	186804	15.498				

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	EFF-Waste Water	SDG No.:	BF100724
Lab Sample ID:	P4289-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF139694.D	5	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.4	U	5.4	41.7	52.1	ug/L
110-86-1	Pyridine	8.1	U	8.1	20.8	26	ug/L
100-52-7	Benzaldehyde	20.8	U	20.8	41.7	52.1	ug/L
62-53-3	Aniline	8.3	U	8.3	20.8	26	ug/L
108-95-2	Phenol	4.8	U	4.8	20.8	26	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.2	U	6.2	20.8	26	ug/L
95-57-8	2-Chlorophenol	3.7	U	3.7	20.8	26	ug/L
95-50-1	1,2-Dichlorobenzene	4.6	U	4.6	20.8	26	ug/L
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	20.8	26	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	U	4.4	20.8	26	ug/L
100-51-6	Benzyl Alcohol	160		8.3	41.7	52.1	ug/L
95-48-7	2-Methylphenol	5.9	U	5.9	20.8	26	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7	U	7	20.8	26	ug/L
98-86-2	Acetophenone	5.7	U	5.7	20.8	26	ug/L
65794-96-9	3+4-Methylphenols	6	U	6	41.7	52.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.7	U	7.7	20.8	26	ug/L
67-72-1	Hexachloroethane	5.3	U	5.3	20.8	26	ug/L
98-95-3	Nitrobenzene	6.6	U	6.6	20.8	26	ug/L
78-59-1	Isophorone	5.9	U	5.9	20.8	26	ug/L
88-75-5	2-Nitrophenol	10.2	U	10.2	20.8	26	ug/L
105-67-9	2,4-Dimethylphenol	7.9	U	7.9	20.8	26	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.3	U	5.3	20.8	26	ug/L
120-83-2	2,4-Dichlorophenol	4.6	U	4.6	20.8	26	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.7	U	5.7	20.8	26	ug/L
65-85-0	Benzoic acid	28.5	U	28.5	41.7	52.1	ug/L
91-20-3	Naphthalene	5.3	U	5.3	20.8	26	ug/L
106-47-8	4-Chloroaniline	6.8	U	6.8	20.8	26	ug/L
87-68-3	Hexachlorobutadiene	6.6	U	6.6	20.8	26	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	EFF-Waste Water	SDG No.:	BF100724
Lab Sample ID:	P4289-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF139694.D	5	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.6	U	8.6	41.7	52.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.4	U	4.4	20.8	26	ug/L
91-57-6	2-Methylnaphthalene	5.9	U	5.9	20.8	26	ug/L
77-47-4	Hexachlorocyclopentadiene	26.1	U	26.1	41.7	52.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.6	U	4.6	20.8	26	ug/L
95-95-4	2,4,5-Trichlorophenol	5.3	U	5.3	20.8	26	ug/L
92-52-4	1,1-Biphenyl	4.7	U	4.7	20.8	26	ug/L
91-58-7	2-Chloronaphthalene	5.1	U	5.1	20.8	26	ug/L
88-74-4	2-Nitroaniline	7.3	U	7.3	20.8	26	ug/L
131-11-3	Dimethylphthalate	4.8	U	4.8	20.8	26	ug/L
208-96-8	Acenaphthylene	5.4	U	5.4	20.8	26	ug/L
606-20-2	2,6-Dinitrotoluene	6.5	U	6.5	20.8	26	ug/L
99-09-2	3-Nitroaniline	7.1	U	7.1	20.8	26	ug/L
83-32-9	Acenaphthene	4.2	U	4.2	20.8	26	ug/L
Total PAH	Total PAH	89.9	U	89.9	20.8	416	ug/L
51-28-5	2,4-Dinitrophenol	33.4	U	33.4	41.7	52.1	ug/L
100-02-7	4-Nitrophenol	10.4	U	10.4	41.7	52.1	ug/L
132-64-9	Dibenzofuran	4.8	U	4.8	20.8	26	ug/L
121-14-2	2,4-Dinitrotoluene	7.9	U	7.9	20.8	26	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.4	U	14.4	20.8	52	ug/L
84-66-2	Diethylphthalate	5.4	U	5.4	20.8	26	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.1	U	5.1	20.8	26	ug/L
86-73-7	Fluorene	5	U	5	20.8	26	ug/L
100-01-6	4-Nitroaniline	10.6	U	10.6	20.8	26	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	41.7	52.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.6	U	4.6	20.8	26	ug/L
103-33-3	Azobenzene	6.3	U	6.3	20.8	26	ug/L
101-55-3	4-Bromophenyl-phenylether	4.9	U	4.9	20.8	26	ug/L
118-74-1	Hexachlorobenzene	5.9	U	5.9	20.8	26	ug/L
1912-24-9	Atrazine	6.6	U	6.6	20.8	26	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	EFF-Waste Water	SDG No.:	BF100724
Lab Sample ID:	P4289-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF139694.D	5	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	9.6	U	9.6	41.7	52.1	ug/L
85-01-8	Phenanthrene	4.6	U	4.6	20.8	26	ug/L
120-12-7	Anthracene	5.6	U	5.6	20.8	26	ug/L
86-74-8	Carbazole	6	U	6	20.8	26	ug/L
84-74-2	Di-n-butylphthalate	7.7	U	7.7	20.8	26	ug/L
206-44-0	Fluoranthene	6.7	U	6.7	20.8	26	ug/L
92-87-5	Benzidine	21.2	U	21.2	41.7	52.1	ug/L
129-00-0	Pyrene	5.5	U	5.5	20.8	26	ug/L
85-68-7	Butylbenzylphthalate	10.9	U	10.9	20.8	26	ug/L
91-94-1	3,3-Dichlorobenzidine	6.7	U	6.7	41.7	52.1	ug/L
56-55-3	Benzo(a)anthracene	4.9	U	4.9	20.8	26	ug/L
218-01-9	Chrysene	4.5	U	4.5	20.8	26	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.8	U	9.8	20.8	26	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	41.7	52.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.9	U	5.9	20.8	26	ug/L
207-08-9	Benzo(k)fluoranthene	6.2	U	6.2	20.8	26	ug/L
50-32-8	Benzo(a)pyrene	8.7	U	8.7	20.8	26	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.3	U	5.3	20.8	26	ug/L
53-70-3	Dibenzo(a,h)anthracene	6	U	6	20.8	26	ug/L
191-24-2	Benzo(g,h,i)perylene	6.1	U	6.1	20.8	26	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.7	U	5.7	20.8	26	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	U	4.1	20.8	26	ug/L
123-91-1	1,4-Dioxane	70.8		6.5	20.8	26	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	52.795	*	60-140		53	SPK: -100
13127-88-3	Phenol-d6	40.15	*	60-140		40	SPK: -100
4165-60-0	Nitrobenzene-d5	112.3		60-140		112	SPK: -100
321-60-8	2-Fluorobiphenyl	79.325		60-140		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	59.03	*	60-140		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	EFF-Waste Water	SDG No.:	BF100724
Lab Sample ID:	P4289-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF139694.D	5	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	60.9		60-140		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89612	6.863				
1146-65-2	Naphthalene-d8	220169	8.151				
15067-26-2	Acenaphthene-d10	179031	9.916				
1517-22-2	Phenanthrene-d10	272593	11.398				
1719-03-5	Chrysene-d12	207490	14.033				
1520-96-3	Perylene-d12	231731	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	91.7	J			6.969	
000124-07-2	Octanoic acid	100	J			8.269	
006938-94-9	Diisopropyl adipate	100	J			9.698	
	unknown10.969	370	J			10.969	
000544-63-8	Tetradecanoic acid	170	J			11.11	
1000355-39-6	Sebacic acid, di(4-heptyl) ester	100	J			11.198	
000057-10-3	n-Hexadecanoic acid	190	J			11.951	
028267-29-0	Ethyl tridecanoate	340	J			12.057	
000142-91-6	Isopropyl palmitate	89.8	J			12.169	
052380-33-3	11-Octadecenoic acid, methyl ester	600	J			12.498	
000112-61-8	Methyl stearate	430	J			12.58	
000111-62-6	Ethyl Oleate	3300	J			12.792	
000111-61-5	Octadecanoic acid, ethyl ester	2000	J			12.886	
000112-10-7	Isopropyl stearate	590	J			12.951	
1000340-22-7	Benzoic acid, tetradecyl ester	95.9	J			13.298	
	unknown13.439	110	J			13.439	
018281-05-5	Eicosanoic acid, ethyl ester	180	J			13.527	
	unknown14.427	100	J			14.427	
000638-95-9	.alpha.-Amyrin	140	J			18.427	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	EFF-Waste Water	SDG No.:	BF100724
Lab Sample ID:	P4289-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF139694.D	5	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100724
Lab Sample ID:	P4270-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139695.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	67.8	U	67.8	210	260	ug/Kg
110-86-1	Pyridine	62.4	U	62.4	100	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	210	260	ug/Kg
62-53-3	Aniline	75.7	U	75.7	100	130	ug/Kg
108-95-2	Phenol	64.8	U	64.8	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	65.4	U	65.4	100	130	ug/Kg
95-57-8	2-Chlorophenol	65.3	U	65.3	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	66.1	U	66.1	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	67.2	U	67.2	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	67.6	U	67.6	100	130	ug/Kg
100-51-6	Benzyl Alcohol	64.9	U	64.9	210	260	ug/Kg
95-48-7	2-Methylphenol	63	U	63	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	100	130	ug/Kg
98-86-2	Acetophenone	67.9	U	67.9	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	62.4	U	62.4	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	31.5	U	31.5	62.5	62.5	ug/Kg
67-72-1	Hexachloroethane	64.9	U	64.9	100	130	ug/Kg
98-95-3	Nitrobenzene	71	U	71	100	130	ug/Kg
78-59-1	Isophorone	66.1	U	66.1	100	130	ug/Kg
88-75-5	2-Nitrophenol	73.9	U	73.9	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	72.8	U	72.8	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67.1	U	67.1	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	66.7	U	66.7	100	130	ug/Kg
65-85-0	Benzoic acid	190	U	190	210	260	ug/Kg
91-20-3	Naphthalene	64.6	U	64.6	100	130	ug/Kg
106-47-8	4-Chloroaniline	64.6	U	64.6	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	65.1	U	65.1	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100724
Lab Sample ID:	P4270-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	50.05	Units:	g
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
BF139695.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	67.8	U	67.8	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60.6	U	60.6	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	64.5	U	64.5	100	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55.8	U	55.8	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.8	U	57.8	100	130	ug/Kg
92-52-4	1,1-Biphenyl	68.3	U	68.3	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	65.1	U	65.1	100	130	ug/Kg
88-74-4	2-Nitroaniline	74.2	U	74.2	100	130	ug/Kg
131-11-3	Dimethylphthalate	63.8	U	63.8	100	130	ug/Kg
208-96-8	Acenaphthylene	67.6	U	67.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	100	130	ug/Kg
99-09-2	3-Nitroaniline	69.7	U	69.7	100	130	ug/Kg
83-32-9	Acenaphthene	68.5	J	63.4	100	130	ug/Kg
Total PAH	Total PAH	3931.8		1035.7	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	210	260	ug/Kg
100-02-7	4-Nitrophenol	90.7	U	90.7	210	260	ug/Kg
132-64-9	Dibenzofuran	66	U	66	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32.4	U	132.4	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.4	U	67.4	100	130	ug/Kg
84-66-2	Diethylphthalate	62.6	U	62.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.9	U	66.9	100	130	ug/Kg
86-73-7	Fluorene	73.3	J	66.8	100	130	ug/Kg
100-01-6	4-Nitroaniline	83.6	U	83.6	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91.4	U	91.4	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.8	U	63.8	100	130	ug/Kg
103-33-3	Azobenzene	62.2	U	62.2	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61.7	U	61.7	100	130	ug/Kg
118-74-1	Hexachlorobenzene	66.4	U	66.4	100	130	ug/Kg
1912-24-9	Atrazine	71.4	U	71.4	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100724
Lab Sample ID:	P4270-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139695.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	60.4	U	60.4	210	260	ug/Kg
85-01-8	Phenanthrene	680		65.6	100	130	ug/Kg
120-12-7	Anthracene	180		66	100	130	ug/Kg
86-74-8	Carbazole	64.9	J	62.8	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	65.9	U	65.9	100	130	ug/Kg
206-44-0	Fluoranthene	640		63.8	100	130	ug/Kg
92-87-5	Benzidine	130	U	130	210	260	ug/Kg
129-00-0	Pyrene	620		64.9	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	75.6	U	75.6	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	77.1	U	77.1	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	350		63.1	100	130	ug/Kg
218-01-9	Chrysene	330		62.1	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71.1	U	71.1	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		63.4	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	64.6	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	300		72.7	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130		61	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.5	U	63.5	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130		62.6	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67.8	U	67.8	100	130	ug/Kg
123-91-1	1,4-Dioxane	86	U	86	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.4	U	58.4	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.129		18-112		62	SPK: -150
13127-88-3	Phenol-d6	94.219		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	62.327		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	58.538		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100724
Lab Sample ID:	P4270-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139695.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.228		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	56.799		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86279	6.863				
1146-65-2	Naphthalene-d8	330914	8.145				
15067-26-2	Acenaphthene-d10	182140	9.898				
1517-22-2	Phenanthrene-d10	330513	11.386				
1719-03-5	Chrysene-d12	164843	14.027				
1520-96-3	Perylene-d12	187774	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.081	
059247-36-8	Fluorene, 2,4a-dihydro-	53.7	J			10.533	
000119-61-9	Benzophenone	260	J			10.616	
002531-84-2	Phenanthrene, 2-methyl-	310	J			11.91	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	72.2	J			11.963	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			11.998	
	unknown12.127	170	J			12.127	
000612-94-2	Naphthalene, 2-phenyl-	63	J			12.18	
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	69.6	J			12.239	
000238-84-6	11H-Benzo[a]fluorene	70.1	J			13.157	
000243-17-4	11H-Benzo[b]fluorene	61.2	J			13.221	
003442-78-2	Pyrene, 2-methyl-	61.5	J			13.257	
000629-78-7	Heptadecane	72.2	J			13.868	
000629-92-5	Nonadecane	61.5	J			15.139	
000192-97-2	Benzo[e]pyrene	150	J			15.368	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MS	SDG No.:	BF100724
Lab Sample ID:	P4270-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139696.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		67.9	210	260	ug/Kg
110-86-1	Pyridine	1200		62.5	100	130	ug/Kg
100-52-7	Benzaldehyde	670		140	210	260	ug/Kg
62-53-3	Aniline	820		75.8	100	130	ug/Kg
108-95-2	Phenol	1300		64.8	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		65.4	100	130	ug/Kg
95-57-8	2-Chlorophenol	1300		65.3	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		66.1	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		67.2	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		67.6	100	130	ug/Kg
100-51-6	Benzyl Alcohol	1300		64.9	210	260	ug/Kg
95-48-7	2-Methylphenol	1300		63	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		71.1	100	130	ug/Kg
98-86-2	Acetophenone	1200		67.9	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	1300		62.4	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		31.5	62.5	62.5	ug/Kg
67-72-1	Hexachloroethane	1200		64.9	100	130	ug/Kg
98-95-3	Nitrobenzene	1200		71	100	130	ug/Kg
78-59-1	Isophorone	1200		66.1	100	130	ug/Kg
88-75-5	2-Nitrophenol	1300		73.9	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		72.9	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		67.1	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		59	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		66.8	100	130	ug/Kg
65-85-0	Benzoic acid	1200		190	210	260	ug/Kg
91-20-3	Naphthalene	1200		64.6	100	130	ug/Kg
106-47-8	4-Chloroaniline	140		64.6	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		65.1	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MS	SDG No.:	BF100724
Lab Sample ID:	P4270-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139696.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		67.9	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		60.6	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	1200		64.5	100	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	120	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		55.8	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		57.9	100	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		68.3	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		65.1	100	130	ug/Kg
88-74-4	2-Nitroaniline	1300		74.3	100	130	ug/Kg
131-11-3	Dimethylphthalate	1300		63.9	100	130	ug/Kg
208-96-8	Acenaphthylene	1300		67.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		65	100	130	ug/Kg
99-09-2	3-Nitroaniline	680		69.7	100	130	ug/Kg
83-32-9	Acenaphthene	1400		63.4	100	130	ug/Kg
Total PAH	Total PAH	22600		1036.1	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		190	210	260	ug/Kg
100-02-7	4-Nitrophenol	2300	E	90.7	210	260	ug/Kg
132-64-9	Dibenzofuran	1300		66	100	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		67.4	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		132.4	100	260	ug/Kg
84-66-2	Diethylphthalate	1200		62.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		66.9	100	130	ug/Kg
86-73-7	Fluorene	1300		66.8	100	130	ug/Kg
100-01-6	4-Nitroaniline	1100		83.7	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		91.5	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		63.8	100	130	ug/Kg
103-33-3	Azobenzene	1400		62.2	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		61.7	100	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		66.5	100	130	ug/Kg
1912-24-9	Atrazine	1500		71.5	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MS	SDG No.:	BF100724
Lab Sample ID:	P4270-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139696.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	60.4	210	260	ug/Kg
85-01-8	Phenanthrene	1800		65.7	100	130	ug/Kg
120-12-7	Anthracene	1400		66	100	130	ug/Kg
86-74-8	Carbazole	1200		62.8	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		65.9	100	130	ug/Kg
206-44-0	Fluoranthene	1500		63.9	100	130	ug/Kg
92-87-5	Benzidine	1300		130	210	260	ug/Kg
129-00-0	Pyrene	1600		64.9	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	1300		75.7	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		77.1	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	1600		63.1	100	130	ug/Kg
218-01-9	Chrysene	1600		62.2	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		71.1	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		63.4	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		64.6	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	1600		72.7	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		61.1	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		63.5	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		62.6	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		67.9	100	130	ug/Kg
123-91-1	1,4-Dioxane	1200		86	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		58.4	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	1200		65	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.107		18-112		57	SPK: -150
13127-88-3	Phenol-d6	86.925		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	58.404		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	54.83		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MS	SDG No.:	BF100724
Lab Sample ID:	P4270-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139696.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.815		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	51.297		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91705	6.863				
1146-65-2	Naphthalene-d8	351047	8.145				
15067-26-2	Acenaphthene-d10	193903	9.904				
1517-22-2	Phenanthrene-d10	341611	11.392				
1719-03-5	Chrysene-d12	174484	14.033				
1520-96-3	Perylene-d12	194842	15.504				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MSD	SDG No.:	BF100724
Lab Sample ID:	P4270-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139697.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		67.8	210	260	ug/Kg
110-86-1	Pyridine	1300		62.4	100	130	ug/Kg
100-52-7	Benzaldehyde	720		140	210	260	ug/Kg
62-53-3	Aniline	930		75.7	100	130	ug/Kg
108-95-2	Phenol	1400		64.8	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		65.4	100	130	ug/Kg
95-57-8	2-Chlorophenol	1400		65.2	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		66.1	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		67.2	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		67.6	100	130	ug/Kg
100-51-6	Benzyl Alcohol	1400		64.8	210	260	ug/Kg
95-48-7	2-Methylphenol	1400		63	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		71	100	130	ug/Kg
98-86-2	Acetophenone	1300		67.9	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	1400		62.3	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		31.5	62.5	62.5	ug/Kg
67-72-1	Hexachloroethane	1300		64.8	100	130	ug/Kg
98-95-3	Nitrobenzene	1300		70.9	100	130	ug/Kg
78-59-1	Isophorone	1300		66.1	100	130	ug/Kg
88-75-5	2-Nitrophenol	1400		73.8	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		72.8	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		67	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		59	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		66.7	100	130	ug/Kg
65-85-0	Benzoic acid	1200		190	210	260	ug/Kg
91-20-3	Naphthalene	1300		64.5	100	130	ug/Kg
106-47-8	4-Chloroaniline	210		64.5	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		65.1	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MSD	SDG No.:	BF100724
Lab Sample ID:	P4270-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139697.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		67.8	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		60.5	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	1300		64.4	100	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	120	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		55.8	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		57.8	100	130	ug/Kg
92-52-4	1,1-Biphenyl	1300		68.3	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	1300		65.1	100	130	ug/Kg
88-74-4	2-Nitroaniline	1300		74.2	100	130	ug/Kg
131-11-3	Dimethylphthalate	1300		63.8	100	130	ug/Kg
208-96-8	Acenaphthylene	1400		67.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		65	100	130	ug/Kg
99-09-2	3-Nitroaniline	720		69.7	100	130	ug/Kg
83-32-9	Acenaphthene	1400		63.4	100	130	ug/Kg
Total PAH	Total PAH	23800		1035	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		190	210	260	ug/Kg
100-02-7	4-Nitrophenol	2300	E	90.6	210	260	ug/Kg
132-64-9	Dibenzofuran	1300		65.9	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		132.3	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		67.3	100	130	ug/Kg
84-66-2	Diethylphthalate	1300		62.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		66.9	100	130	ug/Kg
86-73-7	Fluorene	1300		66.8	100	130	ug/Kg
100-01-6	4-Nitroaniline	1100		83.6	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		91.4	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		63.7	100	130	ug/Kg
103-33-3	Azobenzene	1400		62.2	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		61.6	100	130	ug/Kg
118-74-1	Hexachlorobenzene	1300		66.4	100	130	ug/Kg
1912-24-9	Atrazine	1600		71.4	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MSD	SDG No.:	BF100724
Lab Sample ID:	P4270-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139697.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	60.4	210	260	ug/Kg
85-01-8	Phenanthrene	1900		65.6	100	130	ug/Kg
120-12-7	Anthracene	1500		65.9	100	130	ug/Kg
86-74-8	Carbazole	1300		62.7	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	1300		65.9	100	130	ug/Kg
206-44-0	Fluoranthene	1600		63.8	100	130	ug/Kg
92-87-5	Benzidine	1500		130	210	260	ug/Kg
129-00-0	Pyrene	1700		64.8	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	1400		75.6	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		77	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	1700		63	100	130	ug/Kg
218-01-9	Chrysene	1700		62.1	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		71.1	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		85.9	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		63.4	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		64.5	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	1700		72.6	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		61	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		63.4	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		62.6	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		67.8	100	130	ug/Kg
123-91-1	1,4-Dioxane	1200		85.9	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		58.4	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	1200		65	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.159		18-112		61	SPK: -150
13127-88-3	Phenol-d6	94.871		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	62.636		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	58.339		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2MSD	SDG No.:	BF100724
Lab Sample ID:	P4270-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
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
BF139697.D	1	10/3/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.787		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	53.427		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85694	6.863				
1146-65-2	Naphthalene-d8	330545	8.151				
15067-26-2	Acenaphthene-d10	184384	9.904				
1517-22-2	Phenanthrene-d10	305218	11.392				
1719-03-5	Chrysene-d12	156496	14.033				
1520-96-3	Perylene-d12	174750	15.504				

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-02-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF139698.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.7	U	52.7	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.7	U	98.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-02-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF139698.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.4	U	93.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.8	U	96.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1740	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-02-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF139698.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.7	U	97.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	46.836		18-112		31	SPK: -150
13127-88-3	Phenol-d6	46.236		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	32.208		18-107		32	SPK: -100
321-60-8	2-Fluorobiphenyl	33.682		20-109		34	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-02-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF139698.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	35.05		10-116		23	SPK: -150
1718-51-0	Terphenyl-d14	25.232		10-105		25	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149015	6.863				
1146-65-2	Naphthalene-d8	538894	8.145				
15067-26-2	Acenaphthene-d10	262491	9.904				
1517-22-2	Phenanthrene-d10	386351	11.386				
1719-03-5	Chrysene-d12	284696	14.027				
1520-96-3	Perylene-d12	256453	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	780	J			2.128	
000110-83-8	Cyclohexene	670	J			2.187	
000629-50-5	Tridecane	160	J			8.734	
003891-98-3	Dodecane, 2,6,10-trimethyl-	170	J			9.163	
000629-59-4	Tetradecane	370	J			9.298	
019218-94-1	Tetradecane, 1-iodo-	250	J			9.616	
000629-62-9	Pentadecane	390	J			9.828	
000112-40-3	Dodecane	150	J			10.151	
000544-76-3	Hexadecane	530	J			10.328	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	330	J			10.545	
000119-61-9	Benzophenone	230	J			10.61	
000629-92-5	Nonadecane	1000	J			10.804	
000593-45-3	Octadecane	560	J			11.245	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	320	J			11.275	
000629-94-7	Heneicosane	430	J			11.675	
055045-08-4	Dodecane, 2-methyl-6-propyl-	370	J			12.081	
000646-31-1	Tetracosane	300	J			12.469	
001560-89-0	Heptadecane, 2-methyl-	290	J			12.839	
000593-49-7	Heptacosane	200	J			13.198	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-02-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF139698.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000630-01-3	Hexacosane	140	J			13.869	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-03-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139699.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.4	U	51.4	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.2	U	96.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-03-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139699.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.8	U	98.8	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91	U	91	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.3	U	94.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.5	U	1689.5	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-03-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139699.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.5	U	98.5	340	420	ug/Kg
85-01-8	Phenanthrene	210	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	350		100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	280		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	100	170	220	ug/Kg
218-01-9	Chrysene	160	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.5	U	99.5	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.2	U	95.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.35		18-112		67	SPK: -150
13127-88-3	Phenol-d6	95.89		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	68.09		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	76.704		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-03-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139699.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.004		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	58.244		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79893	6.863				
1146-65-2	Naphthalene-d8	278568	8.145				
15067-26-2	Acenaphthene-d10	125556	9.904				
1517-22-2	Phenanthrene-d10	199598	11.386				
1719-03-5	Chrysene-d12	157998	14.027				
1520-96-3	Perylene-d12	124832	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.122	
000629-50-5	Tridecane	230	J			8.734	
066563-30-2	Bacchotricuneatin c	250	J			9.163	
000629-59-4	Tetradecane	670	J			9.298	
1000342-70-4	1-Octadecanesulphonyl chloride	490	J			9.616	
000629-62-9	Pentadecane	750	J			9.828	
017302-23-7	Nonane, 4,5-dimethyl-	300	J			10.151	
000544-76-3	Hexadecane	990	J			10.328	
017301-28-9	Undecane, 3,6-dimethyl-	710	J			10.545	
000119-61-9	Benzophenone	390	J			10.61	
000629-92-5	Nonadecane	1800	J			10.804	
000593-45-3	Octadecane	1200	J			11.251	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	530	J			11.281	
055045-08-4	Dodecane, 2-methyl-6-propyl-	910	J			11.675	
000112-05-0	Nonanoic acid	250	J			11.91	
000112-95-8	Eicosane	800	J			12.081	
000629-94-7	Heneicosane	640	J			12.469	
000593-49-7	Heptacosane	430	J			13.198	
000629-97-0	Docosane	260	J			13.539	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	HR-03-100324	SDG No.:	BF100724
Lab Sample ID:	P4288-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139699.D	2	10/4/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007225-64-1	Heptadecane, 9-octyl-	330	J			13.869	

Hit Summary Sheet SW-846

SDG No.: BF100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : IB-2								
P4270-01	IB-2	Solid	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr *	69.600	J			
P4270-01	IB-2	Solid	11H-Benzo[a]fluorene *	70.100	J			
P4270-01	IB-2	Solid	11H-Benzo[b]fluorene *	61.200	J			
P4270-01	IB-2	Solid	1H-Cyclopropa[l]phenanthrene,1a *	72.200	J			
P4270-01	IB-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P4270-01	IB-2	Solid	4H-Cyclopenta[def]phenanthrene *	210.000	J			
P4270-01	IB-2	Solid	Benzo[e]pyrene *	150.000	J			
P4270-01	IB-2	Solid	Benzophenone *	260.000	J			
P4270-01	IB-2	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P4270-01	IB-2	Solid	Fluorene, 2,4a-dihydro- *	53.700	J			
P4270-01	IB-2	Solid	Heptadecane *	72.200	J			
P4270-01	IB-2	Solid	Naphthalene, 2-phenyl- *	63.000	J			
P4270-01	IB-2	Solid	Nonadecane *	61.500	J			
P4270-01	IB-2	Solid	Phenanthrene, 2-methyl- *	310.000	J			
P4270-01	IB-2	Solid	Pyrene, 2-methyl- *	61.500	J			
P4270-01	IB-2	Solid	unknown12.127 *	170.000	J			
Total Tics :				4,445.00				
P4270-01	IB-2	Solid	Acenaphthene	68.500	J	63.4	130	ug/Kg
P4270-01	IB-2	Solid	Anthracene	180.000		66	130	ug/Kg
P4270-01	IB-2	Solid	Benzo(a)anthracene	350.000		63.1	130	ug/Kg
P4270-01	IB-2	Solid	Benzo(a)pyrene	300.000		72.7	130	ug/Kg
P4270-01	IB-2	Solid	Benzo(b)fluoranthene	310.000		63.4	130	ug/Kg
P4270-01	IB-2	Solid	Benzo(g,h,i)perylene	130.000		62.6	130	ug/Kg
P4270-01	IB-2	Solid	Benzo(k)fluoranthene	120.000	J	64.6	130	ug/Kg
P4270-01	IB-2	Solid	Carbazole	64.900	J	62.8	130	ug/Kg
P4270-01	IB-2	Solid	Chrysene	330.000		62.1	130	ug/Kg
P4270-01	IB-2	Solid	Fluoranthene	640.000		63.8	130	ug/Kg
P4270-01	IB-2	Solid	Fluorene	73.300	J	66.8	130	ug/Kg
P4270-01	IB-2	Solid	Indeno(1,2,3-cd)pyrene	130.000		61	130	ug/Kg
P4270-01	IB-2	Solid	Phenanthrene	680.000		65.6	130	ug/Kg
P4270-01	IB-2	Solid	Pyrene	620.000		64.9	130	ug/Kg
P4270-01	IB-2	Solid	Total PAH	3,931.000		1035.7	2080	ug/Kg
Total Svoc :				7,927.70				
Total Concentration:				12,372.70				
Client ID : 222254								
P4274-01	222254	Water	Benzophenone *	2.400	J			
P4274-01	222254	Water	Butane, 2-methoxy-2-methyl- *	350.000	J			

Hit Summary Sheet SW-846

SDG No.: BF100724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4274-01	222254	Water	n-Hexadecanoic acid	*	5.100	J		
Total Tics :								357.50
Total Concentration:								357.50
Client ID : VNJ-208RE								
P4276-02RE	VNJ-208RE	water	Dimethylphthalate	64.400		9.3	50	ug/L
P4276-02RE	VNJ-208RE	water	Pentachlorophenol	40.400	J	18.5	100	ug/L
Total Svoc :								104.80
Total Concentration:								104.80
Client ID : WATER-TOTES								
P4285-03	WATER-TOTES	Water	Acetic acid, 1,1-dimethylethyl est	*	300.000	J		
P4285-03	WATER-TOTES	Water	Benzenepropanoic acid, .beta.,.bet	*	5.300	J		
P4285-03	WATER-TOTES	Water	Butane, 2-methoxy-2-methyl-	*	300.000	J		
P4285-03	WATER-TOTES	Water	n-Hexadecanoic acid	*	3.600	J		
P4285-03	WATER-TOTES	Water	Triacetin	*	8.000	J		
Total Tics :								616.90
Total Concentration:								616.90
Client ID : HR-02-100324								
P4288-01	HR-02-100324	Solid	Benzophenone	*	230.000	J		
P4288-01	HR-02-100324	Solid	Butane, 2-methoxy-2-methyl-	*	780.000	J		
P4288-01	HR-02-100324	Solid	Cyclohexene	*	670.000	J		
P4288-01	HR-02-100324	Solid	Dodecane	*	150.000	J		
P4288-01	HR-02-100324	Solid	Dodecane, 2,6,10-trimethyl-	*	170.000	J		
P4288-01	HR-02-100324	Solid	Dodecane, 2-methyl-6-propyl-	*	370.000	J		
P4288-01	HR-02-100324	Solid	Heneicosane	*	430.000	J		
P4288-01	HR-02-100324	Solid	Heptacosane	*	200.000	J		
P4288-01	HR-02-100324	Solid	Heptadecane, 2-methyl-	*	290.000	J		
P4288-01	HR-02-100324	Solid	Hexacosane	*	140.000	J		
P4288-01	HR-02-100324	Solid	Hexadecane	*	530.000	J		
P4288-01	HR-02-100324	Solid	Hexadecane, 2,6,10,14-tetramethy	*	320.000	J		
P4288-01	HR-02-100324	Solid	Nonadecane	*	1,000.000	J		
P4288-01	HR-02-100324	Solid	Octadecane	*	560.000	J		
P4288-01	HR-02-100324	Solid	Pentadecane	*	390.000	J		
P4288-01	HR-02-100324	Solid	Pentadecane, 2,6,10-trimethyl-	*	330.000	J		
P4288-01	HR-02-100324	Solid	Tetracosane	*	300.000	J		
P4288-01	HR-02-100324	Solid	Tetradecane	*	370.000	J		
P4288-01	HR-02-100324	Solid	Tetradecane, 1-iodo-	*	250.000	J		
P4288-01	HR-02-100324	Solid	Tridecane	*	160.000	J		
Total Tics :								7,640.00
Total Concentration:								7,640.00

Hit Summary Sheet SW-846

SDG No.: BF100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : HR-03-100324								
P4288-03	HR-03-100324	Solid	1-Octadecanesulphonyl chloride	*	490.000	J		
P4288-03	HR-03-100324	Solid	Bacchotricuneatin c	*	250.000	J		
P4288-03	HR-03-100324	Solid	Benzophenone	*	390.000	J		
P4288-03	HR-03-100324	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P4288-03	HR-03-100324	Solid	Docosane	*	260.000	J		
P4288-03	HR-03-100324	Solid	Dodecane, 2-methyl-6-propyl-	*	910.000	J		
P4288-03	HR-03-100324	Solid	Eicosane	*	800.000	J		
P4288-03	HR-03-100324	Solid	Heneicosane	*	640.000	J		
P4288-03	HR-03-100324	Solid	Heptacosane	*	430.000	J		
P4288-03	HR-03-100324	Solid	Heptadecane, 9-octyl-	*	330.000	J		
P4288-03	HR-03-100324	Solid	Hexadecane	*	990.000	J		
P4288-03	HR-03-100324	Solid	Hexadecane, 2,6,10,14-tetramethy	*	530.000	J		
P4288-03	HR-03-100324	Solid	Nonadecane	*	1,800.000	J		
P4288-03	HR-03-100324	Solid	Nonane, 4,5-dimethyl-	*	300.000	J		
P4288-03	HR-03-100324	Solid	Nonanoic acid	*	250.000	J		
P4288-03	HR-03-100324	Solid	Octadecane	*	1,200.000	J		
P4288-03	HR-03-100324	Solid	Pentadecane	*	750.000	J		
P4288-03	HR-03-100324	Solid	Tetradecane	*	670.000	J		
P4288-03	HR-03-100324	Solid	Tridecane	*	230.000	J		
P4288-03	HR-03-100324	Solid	Undecane, 3,6-dimethyl-	*	710.000	J		
Total Tics :					13,730.00			
P4288-03	HR-03-100324	Solid	Benzo(a)anthracene		160.000	J	100	ug/Kg
P4288-03	HR-03-100324	Solid	Benzo(a)pyrene		180.000	J	120	ug/Kg
P4288-03	HR-03-100324	Solid	Benzo(b)fluoranthene		210.000	J	100	ug/Kg
P4288-03	HR-03-100324	Solid	Chrysene		160.000	J	100	ug/Kg
P4288-03	HR-03-100324	Solid	Fluoranthene		350.000		100	ug/Kg
P4288-03	HR-03-100324	Solid	Phenanthrene		210.000	J	110	ug/Kg
P4288-03	HR-03-100324	Solid	Pyrene		280.000		110	ug/Kg
Total Svoc :					1,550.00			
Total Concentration:					15,280.00			
Client ID : EFF-Waste Water								
P4289-02	EFF-Waste Water	Water	.alpha.-Amyrin	*	140.000	J		
P4289-02	EFF-Waste Water	Water	1-Hexanol, 2-ethyl-	*	91.700	J		
P4289-02	EFF-Waste Water	Water	11-Octadecenoic acid, methyl este	*	600.000	J		
P4289-02	EFF-Waste Water	Water	Benzoic acid, tetradecyl ester	*	95.900	J		
P4289-02	EFF-Waste Water	Water	Diisopropyl adipate	*	100.000	J		
P4289-02	EFF-Waste Water	Water	Eicosanoic acid, ethyl ester	*	180.000	J		
P4289-02	EFF-Waste Water	Water	Ethyl Oleate	*	3,300.000	J		
P4289-02	EFF-Waste Water	Water	Ethyl tridecanoate	*	340.000	J		

Hit Summary Sheet SW-846

SDG No.: BF100724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4289-02	EFF-Waste Water	Water	Isopropyl palmitate	*	89.800	J		
P4289-02	EFF-Waste Water	Water	Isopropyl stearate	*	590.000	J		
P4289-02	EFF-Waste Water	Water	Methyl stearate	*	430.000	J		
P4289-02	EFF-Waste Water	Water	n-Hexadecanoic acid	*	190.000	J		
P4289-02	EFF-Waste Water	Water	Octadecanoic acid, ethyl ester	*	2,000.000	J		
P4289-02	EFF-Waste Water	Water	Octanoic acid	*	100.000	J		
P4289-02	EFF-Waste Water	Water	Sebacic acid, di(4-heptyl) ester	*	100.000	J		
P4289-02	EFF-Waste Water	Water	Tetradecanoic acid	*	170.000	J		
P4289-02	EFF-Waste Water	Water	unknown10.969	*	370.000	J		
P4289-02	EFF-Waste Water	Water	unknown13.439	*	110.000	J		
P4289-02	EFF-Waste Water	Water	unknown14.427	*	100.000	J		
Total Tics :					9,097.40			
P4289-02	EFF-Waste Water	Water	1,4-Dioxane		70.800	6.5	26	ug/L
P4289-02	EFF-Waste Water	Water	Benzyl Alcohol		160.000	8.3	52.1	ug/L
Total Svoc :					230.80			
Total Concentration:					9,328.20			
Client ID : IB-4								
P4290-01	IB-4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P4290-01	IB-4	Solid	Benzophenone	*	320.000	J		
P4290-01	IB-4	Solid	Butane, 2-methoxy-2-methyl-	*	2,900.000	J		
P4290-01	IB-4	Solid	n-Hexadecanoic acid	*	160.000	J		
P4290-01	IB-4	Solid	Tetradecanamide	*	51.400	J		
Total Tics :					3,581.40			
Total Concentration:					3,581.40			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF100124

SAS No.: BF100124

SDG No.: BF100124

Instrument ID:

Calibration Date(s): 10/1/2024

Calibration Time(s): 14:05

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo (a) anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis (2-ethylhexyl) phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo (b) fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo (k) fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo (a) pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno (1,2,3-cd) pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo (a,h) anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo (g,h,i) perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

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.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 11:16

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	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB163905BL	91249	6.87	350368	8.15	202991	9.90
02	PB163905BS	92737	6.87	365857	8.15	215100	9.91
03	PB163905BSD	90983	6.87	357329	8.15	208611	9.91
04	PB163898BL	83719	6.87	322477	8.15	187389	9.90
05	PB163898BS	91000	6.87	356324	8.15	206458	9.91
06	PB163870BL	84441	6.87	325397	8.15	188571	9.90
07	PB163870BS	94125	6.87	362215	8.15	211552	9.91
08	PB163902BS	100095	6.87	391689	8.15	230281	9.91
09	PB163902BSD	92952	6.87	358469	8.15	207408	9.91
10	PB163902BL	89954	6.87	344839	8.15	195984	9.90
11	VNJ-208RE	85821	6.86	304978	8.15	65875 *	9.90
12	222254	82902	6.86	314124	8.15	175942	9.90
13	WATER-TOTES	90457	6.86	326769	8.15	178080	9.90
14	IB-4	82067	6.86	308222	8.15	171878	9.90
15	IB-4MS	90675	6.86	344947	8.15	202594	9.90
16	IB-4MSD	88689	6.86	336326	8.15	191822	9.90
17	EFF-Waste Water	89612	6.86	220169	8.15	179031	9.92
18	IB-2	86279	6.86	330914	8.15	182140	9.90
19	IB-2MS	91705	6.86	351047	8.15	193903	9.90
20	IB-2MSD	85694	6.86	330545	8.15	184384	9.90
21	HR-02-100324	149015	6.86	538894	8.15	262491	9.90
22	HR-03-100324	79893	6.86	278568	8.15	125556	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 21:18

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	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139677.D Time Analyzed: 11:16

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	108597	6.869	422564	8.15	244633	9.91
	UPPER LIMIT	217194	7.369	845128	8.651	489266	10.41
	LOWER LIMIT	54298.5	6.369	211282	7.651	122316.5	9.41
	EPA SAMPLE NO.						
01	PB163905BL	91249	6.87	350368	8.15	202991	9.90
02	PB163905BS	92737	6.87	365857	8.15	215100	9.91
03	PB163905BSD	90983	6.87	357329	8.15	208611	9.91
04	PB163898BL	83719	6.87	322477	8.15	187389	9.90
05	PB163898BS	91000	6.87	356324	8.15	206458	9.91
06	PB163870BL	84441	6.87	325397	8.15	188571	9.90
07	PB163870BS	94125	6.87	362215	8.15	211552	9.91
08	PB163902BS	100095	6.87	391689	8.15	230281	9.91
09	PB163902BSD	92952	6.87	358469	8.15	207408	9.91
10	PB163902BL	89954	6.87	344839	8.15	195984	9.90
11	VNJ-208RE	85821	6.86	304978	8.15	65875 *	9.90
12	222254	82902	6.86	314124	8.15	175942	9.90
13	WATER-TOTES	90457	6.86	326769	8.15	178080	9.90
14	IB-4	82067	6.86	308222	8.15	171878	9.90
15	IB-4MS	90675	6.86	344947	8.15	202594	9.90
16	IB-4MSD	88689	6.86	336326	8.15	191822	9.90
17	EFF-Waste Water	89612	6.86	220169	8.15	179031	9.92
18	IB-2	86279	6.86	330914	8.15	182140	9.90
19	IB-2MS	91705	6.86	351047	8.15	193903	9.90
20	IB-2MSD	85694	6.86	330545	8.15	184384	9.90
21	HR-02-100324	149015	6.86	538894	8.15	262491	9.90
22	HR-03-100324	79893	6.86	278568	8.15	125556	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139677.D Time Analyzed: 21:18

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	108597	6.869	422564	8.15	244633	9.91
UPPER LIMIT	217194	7.369	845128	8.651	489266	10.41
LOWER LIMIT	54298.5	6.369	211282	7.651	122316.5	9.41
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.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 11:16

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	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB163905BL	414186	11.39	321328	14.03	281241	15.50
02	PB163905BS	422187	11.39	265787	14.04	188660	15.50
03	PB163905BSD	411350	11.39	250047	14.04	186311	15.50
04	PB163898BL	382857	11.39	293535	14.03	241949	15.50
05	PB163898BS	401377	11.39	245646	14.04	177823	15.50
06	PB163870BL	384480	11.39	291863	14.03	231220	15.50
07	PB163870BS	422078	11.39	262010	14.04	193748	15.50
08	PB163902BS	448928	11.39	273215	14.04	208036	15.50
09	PB163902BSD	406759	11.39	246141	14.04	185329	15.50
10	PB163902BL	402197	11.39	291108	14.03	222477	15.50
11	VNJ-208RE	200338 *	11.39	33483 *	14.03	2391 *	15.49
12	222254	347983	11.39	214408	14.03	160224	15.50
13	WATER-TOTES	307222	11.39	161840	14.03	175613	15.50
14	IB-4	339755	11.39	207113	14.03	168793	15.50
15	IB-4MS	387701	11.39	209779	14.03	190896	15.50
16	IB-4MSD	372990	11.39	199606	14.03	186804	15.50
17	EFF-Waste Water	272593	11.40	207490	14.03	231731	15.50
18	IB-2	330513	11.39	164843	14.03	187774	15.50
19	IB-2MS	341611	11.39	174484	14.03	194842	15.50
20	IB-2MSD	305218	11.39	156496	14.03	174750	15.50
21	HR-02-100324	386351	11.39	284696	14.03	256453	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 21:18

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	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						
22 HR-03-100324	199598 *	11.39	157998	14.03	124832	15.50

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.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139677.D Time Analyzed: 11:16

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	479537	11.392	288451	14.033	212999	15.504
	UPPER LIMIT	959074	11.892	576902	14.533	425998	16.004
	LOWER LIMIT	239768.5	10.892	144225.5	13.533	106499.5	15.004
	EPA SAMPLE NO.						
01	PB163905BL	414186	11.39	321328	14.03	281241	15.50
02	PB163905BS	422187	11.39	265787	14.04	188660	15.50
03	PB163905BSD	411350	11.39	250047	14.04	186311	15.50
04	PB163898BL	382857	11.39	293535	14.03	241949	15.50
05	PB163898BS	401377	11.39	245646	14.04	177823	15.50
06	PB163870BL	384480	11.39	291863	14.03	231220	15.50
07	PB163870BS	422078	11.39	262010	14.04	193748	15.50
08	PB163902BS	448928	11.39	273215	14.04	208036	15.50
09	PB163902BSD	406759	11.39	246141	14.04	185329	15.50
10	PB163902BL	402197	11.39	291108	14.03	222477	15.50
11	VNJ-208RE	200338 *	11.39	33483 *	14.03	2391 *	15.49
12	222254	347983	11.39	214408	14.03	160224	15.50
13	WATER-TOTES	307222	11.39	161840	14.03	175613	15.50
14	IB-4	339755	11.39	207113	14.03	168793	15.50
15	IB-4MS	387701	11.39	209779	14.03	190896	15.50
16	IB-4MSD	372990	11.39	199606	14.03	186804	15.50
17	EFF-Waste Water	272593	11.40	207490	14.03	231731	15.50
18	IB-2	330513	11.39	164843	14.03	187774	15.50
19	IB-2MS	341611	11.39	174484	14.03	194842	15.50
20	IB-2MSD	305218	11.39	156496	14.03	174750	15.50
21	HR-02-100324	386351	11.39	284696	14.03	256453	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100724 SAS No.: BF100724 SDG NO.: BF100724

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BF139677.D Time Analyzed: 21:18

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	479537	11.392	288451	14.033	212999	15.504
UPPER LIMIT	959074	11.892	576902	14.533	425998	16.004
LOWER LIMIT	239768.5	10.892	144225.5	13.533	106499.5	15.004
EPA SAMPLE NO.						
22 HR-03-100324	199598 *	11.39	157998	14.03	124832	15.50

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.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163870BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	840	ug/Kg	49				10	133	
	Aniline	1700	1800	ug/Kg	106		*		38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5700	ug/Kg	173		*		45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1400	ug/Kg	82				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	26300	ug/Kg	97				57	104	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163870BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3300	ug/Kg	97				60	106	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	3300	ug/Kg	100		*		10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163898BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1600	ug/Kg	94				28	98	
	Benzaldehyde	1700	880	ug/Kg	52				10	133	
	Aniline	1700	1900	ug/Kg	112		*		38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1700	ug/Kg	100				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1800	ug/Kg	106				42	116	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1700	ug/Kg	100		*		66	98	
	3+4-Methylphenols	1700	1800	ug/Kg	106				58	111	
	N-Nitroso-di-n-propylamine	1700	1700	ug/Kg	100		*		63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	800	ug/Kg	47				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1800	ug/Kg	106				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	6100	ug/Kg	185		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1800	ug/Kg	106		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	28600	ug/Kg	105		*		57	104	
	2,4-Dinitrophenol	3300	3900	ug/Kg	118				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163898BS	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3500	ug/Kg	103				60	106	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1800	ug/Kg	106		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	3000	ug/Kg	91				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1800	ug/Kg	106		*		60	102	
	Chrysene	1700	1800	ug/Kg	106		*		59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163902BS	n-Nitrosodimethylamine	50	47.7	ug/L	95				52	110	
	Pyridine	50	45.7	ug/L	91				55	145	
	Benzaldehyde	50	24.4	ug/L	49				10	110	
	Aniline	50	51.8	ug/L	104				50	150	
	Phenol	50	51	ug/L	102				48	130	
	bis(2-Chloroethyl)ether	50	47.1	ug/L	94				52	130	
	2-Chlorophenol	50	51.2	ug/L	102				55	130	
	1,2-Dichlorobenzene	50	46.7	ug/L	93				32	129	
	1,3-Dichlorobenzene	50	46.2	ug/L	92				1	172	
	1,4-Dichlorobenzene	50	45.8	ug/L	92				20	124	
	Benzyl Alcohol	50	50.1	ug/L	100				10	156	
	2-Methylphenol	50	50.2	ug/L	100				15	153	
	2,2-oxybis(1-Chloropropane)	50	47.8	ug/L	96				63	139	
	Acetophenone	50	46.4	ug/L	93				21	128	
	3+4-Methylphenols	50	49.6	ug/L	99				10	156	
	N-Nitroso-di-n-propylamine	50	47.9	ug/L	96				59	170	
	Hexachloroethane	50	46.4	ug/L	93				55	130	
	Nitrobenzene	50	45.8	ug/L	92				54	158	
	Isophorone	50	47.6	ug/L	95				52	180	
	2-Nitrophenol	50	49.8	ug/L	100				61	163	
	2,4-Dimethylphenol	50	59	ug/L	118				58	130	
	bis(2-Chloroethoxy)methane	50	46.9	ug/L	94				52	164	
	2,4-Dichlorophenol	50	49.1	ug/L	98				64	130	
	1,2,4-Trichlorobenzene	50	43.8	ug/L	88				44	142	
	Benzoic acid	50	48.7	ug/L	97				10	159	
	Naphthalene	50	46.2	ug/L	92				70	130	
	4-Chloroaniline	50	17.3	ug/L	35				10	126	
	Hexachlorobutadiene	50	43.6	ug/L	87				68	130	
	Caprolactam	50	51.5	ug/L	103				10	160	
	4-Chloro-3-methylphenol	50	49.5	ug/L	99				68	130	
	2-Methylnaphthalene	50	46.8	ug/L	94				25	124	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		21	137	
	2,4,6-Trichlorophenol	50	47.1	ug/L	94				69	130	
	2,4,5-Trichlorophenol	50	46.7	ug/L	93				74	100	
	1,1-Biphenyl	50	45.2	ug/L	90				20	125	
	2-Chloronaphthalene	50	44.8	ug/L	90				70	130	
	2-Nitroaniline	50	49.1	ug/L	98				61	112	
	Dimethylphthalate	50	48.3	ug/L	97				50	130	
	Acenaphthylene	50	48.7	ug/L	97				60	130	
	2,6-Dinitrotoluene	50	47.1	ug/L	94				68	137	
	3-Nitroaniline	50	33.8	ug/L	68				35	106	
	Acenaphthene	50	52.1	ug/L	104				70	130	
	Total PAH	800	783.1	ug/L	98				70	130	
	2,4-Dinitrophenol	100	110	ug/L	110				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163902BS	4-Nitrophenol	100	99.1	ug/L	99				35	130	
	Dibenzofuran	50	46.8	ug/L	94				29	125	
	2,4-Dinitrotoluene/2,6-Dinitro	100	95.1	ug/L	95				53	130	
	2,4-Dinitrotoluene	50	48	ug/L	96				53	130	
	Diethylphthalate	50	47.6	ug/L	95				47	130	
	4-Chlorophenyl-phenylether	50	45.7	ug/L	91				57	145	
	Fluorene	50	47.1	ug/L	94				70	130	
	4-Nitroaniline	50	49.9	ug/L	100				69	101	
	4,6-Dinitro-2-methylphenol	50	51.7	ug/L	103				56	130	
	N-Nitrosodiphenylamine	50	47.5	ug/L	95				63	100	
	Azobenzene	50	48.3	ug/L	97				58	105	
	4-Bromophenyl-phenylether	50	45	ug/L	90				70	130	
	Hexachlorobenzene	50	45.1	ug/L	90				38	142	
	Atrazine	50	57.7	ug/L	115				51	130	
	Pentachlorophenol	100	89.4	ug/L	89				42	152	
	Phenanthrene	50	47.8	ug/L	96				67	130	
	Anthracene	50	49.9	ug/L	100				58	130	
	Carbazole	50	48.3	ug/L	97				60	125	
	Di-n-butylphthalate	50	48.7	ug/L	97				52	130	
	Fluoranthene	50	48.5	ug/L	97				47	130	
	Benzidine	100	81.3	ug/L	81				10	133	
	Pyrene	50	46.9	ug/L	94				70	130	
	Butylbenzylphthalate	50	52.6	ug/L	105				43	140	
	3,3-Dichlorobenzidine	50	35.2	ug/L	70				18	213	
	Benzo(a)anthracene	50	49.6	ug/L	99				42	133	
	Chrysene	50	47.6	ug/L	95				44	140	
	bis(2-Ethylhexyl)phthalate	50	55.3	ug/L	111				43	137	
	Di-n-octyl phthalate	50	53.6	ug/L	107				21	132	
	Benzo(b)fluoranthene	50	50	ug/L	100				42	140	
	Benzo(k)fluoranthene	50	49	ug/L	98				25	146	
	Benzo(a)pyrene	50	52.7	ug/L	105				32	148	
	Indeno(1,2,3-cd)pyrene	50	50.6	ug/L	101				13	151	
	Dibenz(a,h)anthracene	50	50	ug/L	100				13	200	
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				13	195	
	1,2,4,5-Tetrachlorobenzene	50	44.4	ug/L	89				70	130	
	2,3,4,6-Tetrachlorophenol	50	50.8	ug/L	102				70	130	
	1,4-Dioxane	50	42.4	ug/L	85				70	130	
PB163902BSD	n-Nitrosodimethylamine	50	51.1	ug/L	102	7			52	110	20
	Pyridine	50	49	ug/L	98	7			55	145	20
	Benzaldehyde	50	26.4	ug/L	53	8			10	110	20
	Aniline	50	54.4	ug/L	109	5			50	150	20
	Phenol	50	54.8	ug/L	110	7			48	130	20
	bis(2-Chloroethyl)ether	50	49.8	ug/L	100	6			52	130	20
	2-Chlorophenol	50	54.7	ug/L	109	7			55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163902BSD	1,2-Dichlorobenzene	50	49.8	ug/L	100	6			32	129	20
	1,3-Dichlorobenzene	50	48.9	ug/L	98	6			1	172	20
	1,4-Dichlorobenzene	50	49	ug/L	98	7			20	124	20
	Benzyl Alcohol	50	53.5	ug/L	107	7			10	156	20
	2-Methylphenol	50	53.5	ug/L	107	6			15	153	20
	2,2-oxybis(1-Chloropropane)	50	50.9	ug/L	102	6			63	139	20
	Acetophenone	50	50.5	ug/L	101	8			21	128	20
	3+4-Methylphenols	50	53.2	ug/L	106	7			10	156	20
	N-Nitroso-di-n-propylamine	50	51.3	ug/L	103	7			59	170	20
	Hexachloroethane	50	48.6	ug/L	97	5			55	130	20
	Nitrobenzene	50	48.8	ug/L	98	6			54	158	20
	Isophorone	50	51.2	ug/L	102	7			52	180	20
	2-Nitrophenol	50	54	ug/L	108	8			61	163	20
	2,4-Dimethylphenol	50	64.5	ug/L	129	9			58	130	20
	bis(2-Chloroethoxy)methane	50	50.8	ug/L	102	8			52	164	20
	2,4-Dichlorophenol	50	53.2	ug/L	106	8			64	130	20
	1,2,4-Trichlorobenzene	50	47.9	ug/L	96	9			44	142	20
	Benzoic acid	50	53.4	ug/L	107	9			10	159	20
	Naphthalene	50	49.9	ug/L	100	8			70	130	20
	4-Chloroaniline	50	15.1	ug/L	30	14			10	126	20
	Hexachlorobutadiene	50	48	ug/L	96	10			68	130	20
	Caprolactam	50	56	ug/L	112	8			10	160	20
	4-Chloro-3-methylphenol	50	53.9	ug/L	108	9			68	130	20
	2-Methylnaphthalene	50	50.7	ug/L	101	8			25	124	20
	Hexachlorocyclopentadiene	100	190	ug/L	190	11	*		21	137	20
	2,4,6-Trichlorophenol	50	52	ug/L	104	10			69	130	20
	2,4,5-Trichlorophenol	50	51.3	ug/L	103	9	*		74	100	20
	1,1-Biphenyl	50	49.5	ug/L	99	9			20	125	20
	2-Chloronaphthalene	50	49.3	ug/L	99	10			70	130	20
	2-Nitroaniline	50	53.8	ug/L	108	9			61	112	20
	Dimethylphthalate	50	52.8	ug/L	106	9			50	130	20
	Acenaphthylene	50	54.3	ug/L	109	11			60	130	20
	2,6-Dinitrotoluene	50	51.2	ug/L	102	8			68	137	20
	3-Nitroaniline	50	35.7	ug/L	71	5			35	106	20
	Acenaphthene	50	57.4	ug/L	115	10			70	130	20
	Total PAH	800	861.7	ug/L	108	10			70	130	20
	2,4-Dinitrophenol	100	120	ug/L	120	9			39	173	20
	4-Nitrophenol	100	110	ug/L	110	10			35	130	20
	Dibenzofuran	50	51.7	ug/L	103	10			29	125	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	104.7	ug/L	105	10			53	130	20
	2,4-Dinitrotoluene	50	53.5	ug/L	107	11			53	130	20
	Diethylphthalate	50	52.6	ug/L	105	10			47	130	20
	4-Chlorophenyl-phenylether	50	50.3	ug/L	101	10			57	145	20
	Fluorene	50	51.3	ug/L	103	9			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163902BSD	4-Nitroaniline	50	54.4	ug/L	109	9	*		69	101	20	
	4,6-Dinitro-2-methylphenol	50	55.5	ug/L	111	7			56	130	20	
	N-Nitrosodiphenylamine	50	52.3	ug/L	105	10	*		63	100	20	
	Azobenzene	50	52.8	ug/L	106	9	*		58	105	20	
	4-Bromophenyl-phenylether	50	49.8	ug/L	100	10			70	130	20	
	Hexachlorobenzene	50	50.1	ug/L	100	11			38	142	20	
	Atrazine	50	63.2	ug/L	126	9			51	130	20	
	Pentachlorophenol	100	98.4	ug/L	98	10			42	152	20	
	Phenanthrene	50	52.8	ug/L	106	10			67	130	20	
	Anthracene	50	54.5	ug/L	109	9			58	130	20	
	Carbazole	50	52.8	ug/L	106	9			60	125	20	
	Di-n-butylphthalate	50	53.6	ug/L	107	10			52	130	20	
	Fluoranthene	50	52.8	ug/L	106	8			47	130	20	
	Benzidine	100	81.5	ug/L	82	0			10	133	20	
	Pyrene	50	51.3	ug/L	103	9			70	130	20	
	Butylbenzylphthalate	50	58.3	ug/L	117	10			43	140	20	
	3,3-Dichlorobenzidine	50	37.9	ug/L	76	7			18	213	20	
	Benzo(a)anthracene	50	54.6	ug/L	109	10			42	133	20	
	Chrysene	50	53	ug/L	106	11			44	140	20	
	bis(2-Ethylhexyl)phthalate	50	61.2	ug/L	122	10			43	137	20	
	Di-n-octyl phthalate	50	58.5	ug/L	117	9			21	132	20	
	Benzo(b)fluoranthene	50	55.9	ug/L	112	11			42	140	20	
	Benzo(k)fluoranthene	50	53.1	ug/L	106	8			25	146	20	
	Benzo(a)pyrene	50	57.4	ug/L	115	9			32	148	20	
	Indeno(1,2,3-cd)pyrene	50	56.1	ug/L	112	10			13	151	20	
	Dibenz(a,h)anthracene	50	55.7	ug/L	111	11			13	200	20	
	Benzo(g,h,i)perylene	50	51.6	ug/L	103	11			13	195	20	
	1,2,4,5-Tetrachlorobenzene	50	49.1	ug/L	98	10			70	130	20	
	2,3,4,6-Tetrachlorophenol	50	56.9	ug/L	114	11			70	130	20	
	1,4-Dioxane	50	45.4	ug/L	91	7			70	130	20	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163905BS	n-Nitrosodimethylamine	50	47.2	ug/L	94				55	108	
	Pyridine	50	45.6	ug/L	91				29	97	
	Benzaldehyde	50	24.8	ug/L	50				10	162	
	Aniline	50	56.6	ug/L	113				10	130	
	Phenol	50	50.2	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	46.5	ug/L	93				62	103	
	2-Chlorophenol	50	50.2	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	47	ug/L	94				72	102	
	1,3-Dichlorobenzene	50	45.4	ug/L	91				71	103	
	1,4-Dichlorobenzene	50	45.9	ug/L	92				76	103	
	Benzyl Alcohol	50	50.2	ug/L	100		*		36	93	
	2-Methylphenol	50	48.8	ug/L	98				69	109	
	2,2-oxybis(1-Chloropropane)	50	47.6	ug/L	95				65	100	
	Acetophenone	50	45.3	ug/L	91				60	104	
	3+4-Methylphenols	50	49.3	ug/L	99				67	106	
	N-Nitroso-di-n-propylamine	50	46.7	ug/L	93				57	107	
	Hexachloroethane	50	45.5	ug/L	91				76	118	
	Nitrobenzene	50	44.8	ug/L	90				58	106	
	Isophorone	50	46.8	ug/L	94				61	102	
	2-Nitrophenol	50	48.5	ug/L	97				70	115	
	2,4-Dimethylphenol	50	57.4	ug/L	115				42	142	
	bis(2-Chloroethoxy)methane	50	45.7	ug/L	91				58	109	
	2,4-Dichlorophenol	50	48.4	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50	43	ug/L	86				41	115	
	Benzoic acid	50	48.1	ug/L	96				10	125	
	Naphthalene	50	45.6	ug/L	91				64	107	
	4-Chloroaniline	50	38.1	ug/L	76				10	85	
	Hexachlorobutadiene	50	43.2	ug/L	86				69	101	
	Caprolactam	50	51.6	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	48.1	ug/L	96				65	114	
	2-Methylnaphthalene	50	45.8	ug/L	92				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	46.5	ug/L	93				61	110	
	2,4,5-Trichlorophenol	50	45.9	ug/L	92				70	106	
	1,1-Biphenyl	50	44.1	ug/L	88				72	98	
	2-Chloronaphthalene	50	44.4	ug/L	89				59	106	
	2-Nitroaniline	50	49	ug/L	98				73	114	
	Dimethylphthalate	50	47.2	ug/L	94				64	103	
	Acenaphthylene	50	48.5	ug/L	97				79	103	
	2,6-Dinitrotoluene	50	45.5	ug/L	91				64	110	
	3-Nitroaniline	50	41.9	ug/L	84				28	100	
	Acenaphthene	50	51	ug/L	102				59	113	
	Total PAH	800	772	ug/L	97				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163905BS	4-Nitrophenol	100	96.4	ug/L	96				45	147	
	Dibenzofuran	50	46.3	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	47.9	ug/L	96				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	93.4	ug/L	93				60	115	
	Diethylphthalate	50	46.9	ug/L	94				63	105	
	4-Chlorophenyl-phenylether	50	44.9	ug/L	90				61	104	
	Fluorene	50	45.9	ug/L	92				64	107	
	4-Nitroaniline	50	48.8	ug/L	98				55	125	
	4,6-Dinitro-2-methylphenol	50	48.8	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	46.1	ug/L	92				61	109	
	Azobenzene	50	46.9	ug/L	94				59	106	
	4-Bromophenyl-phenylether	50	44.1	ug/L	88				73	103	
	Hexachlorobenzene	50	44.7	ug/L	89				73	106	
	Atrazine	50	56.3	ug/L	113				76	120	
	Pentachlorophenol	100	87.3	ug/L	87				47	114	
	Phenanthrene	50	47.1	ug/L	94				62	109	
	Anthracene	50	48.8	ug/L	98				65	110	
	Carbazole	50	47.6	ug/L	95				62	106	
	Di-n-butylphthalate	50	47.6	ug/L	95				64	106	
	Fluoranthene	50	47.6	ug/L	95				64	110	
	Benzidine	100	100	ug/L	100		*		10	94	
	Pyrene	50	44.8	ug/L	90				71	103	
	Butylbenzylphthalate	50	50.7	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	41.6	ug/L	83				43	108	
	Benzo(a)anthracene	50	48.2	ug/L	96				62	107	
	Chrysene	50	46.7	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	53	ug/L	106				59	110	
	Di-n-octyl phthalate	50	51.6	ug/L	103				52	139	
	Benzo(b)fluoranthene	50	51.5	ug/L	103				77	113	
	Benzo(k)fluoranthene	50	48.8	ug/L	98				77	105	
	Benzo(a)pyrene	50	52.1	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	50	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	49.8	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	45.6	ug/L	91				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87				72	101	
	1,4-Dioxane	50	41.3	ug/L	83				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.2	ug/L	100				63	116	
	1-Methylnaphthalene	50	44	ug/L	88				51	114	
PB163905BSD	n-Nitrosodimethylamine	50	49.7	ug/L	99	5			55	108	20
	Pyridine	50	46	ug/L	92	1			29	97	20
	Benzaldehyde	50	25.4	ug/L	51	2			10	162	20
	Aniline	50	57.2	ug/L	114	1			10	130	20
	Phenol	50	52.3	ug/L	105	4			66	118	20
	bis(2-Chloroethyl)ether	50	49.1	ug/L	98	5			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163905BSD	2-Chlorophenol	50	52.5	ug/L	105	4			70	117	20
	1,2-Dichlorobenzene	50	48.8	ug/L	98	4			72	102	20
	1,3-Dichlorobenzene	50	47.9	ug/L	96	5			71	103	20
	1,4-Dichlorobenzene	50	47.7	ug/L	95	4			76	103	20
	Benzyl Alcohol	50	51.5	ug/L	103	3	*		36	93	20
	2-Methylphenol	50	51.7	ug/L	103	6			69	109	20
	2,2-oxybis(1-Chloropropane)	50	49.7	ug/L	99	4			65	100	20
	Acetophenone	50	48.4	ug/L	97	7			60	104	20
	3+4-Methylphenols	50	51.6	ug/L	103	5			67	106	20
	N-Nitroso-di-n-propylamine	50	49.6	ug/L	99	6			57	107	20
	Hexachloroethane	50	47.8	ug/L	96	5			76	118	20
	Nitrobenzene	50	46.6	ug/L	93	4			58	106	20
	Isophorone	50	49.4	ug/L	99	5			61	102	20
	2-Nitrophenol	50	51.1	ug/L	102	5			70	115	20
	2,4-Dimethylphenol	50	60.7	ug/L	121	6			42	142	20
	bis(2-Chloroethoxy)methane	50	47.9	ug/L	96	5			58	109	20
	2,4-Dichlorophenol	50	50.9	ug/L	102	5			66	115	20
	1,2,4-Trichlorobenzene	50	45.4	ug/L	91	5			41	115	20
	Benzoic acid	50	50.1	ug/L	100	4			10	125	20
	Naphthalene	50	48.2	ug/L	96	6			64	107	20
	4-Chloroaniline	50	24.2	ug/L	48	45		*	10	85	20
	Hexachlorobutadiene	50	45	ug/L	90	4			69	101	20
	Caprolactam	50	55	ug/L	110	6			58	128	20
	4-Chloro-3-methylphenol	50	52	ug/L	104	8			65	114	20
	2-Methylnaphthalene	50	48.5	ug/L	97	6			64	107	20
	Hexachlorocyclopentadiene	100	180	ug/L	180	6	*		36	160	20
	2,4,6-Trichlorophenol	50	48.9	ug/L	98	5			61	110	20
	2,4,5-Trichlorophenol	50	49.2	ug/L	98	7			70	106	20
	1,1-Biphenyl	50	47.1	ug/L	94	7			72	98	20
	2-Chloronaphthalene	50	46.6	ug/L	93	5			59	106	20
	2-Nitroaniline	50	52.2	ug/L	104	6			73	114	20
	Dimethylphthalate	50	50.7	ug/L	101	7			64	103	20
	Acenaphthylene	50	52.1	ug/L	104	7	*		79	103	20
	2,6-Dinitrotoluene	50	49.1	ug/L	98	8			64	110	20
	3-Nitroaniline	50	38	ug/L	76	10			28	100	20
	Acenaphthene	50	55.2	ug/L	110	8			59	113	20
	Total PAH	800	824.5	ug/L	103	7			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	10			36	166	20
	4-Nitrophenol	100	110	ug/L	110	13			45	147	20
	Dibenzofuran	50	49	ug/L	98	6			65	106	20
	2,4-Dinitrotoluene	50	50.5	ug/L	101	5			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	99.6	ug/L	100	6			60	115	20
	Diethylphthalate	50	50.4	ug/L	101	7			63	105	20
	4-Chlorophenyl-phenylether	50	48.1	ug/L	96	7			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100724**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163905BSD	Fluorene	50	49.6	ug/L	99	8			64	107	20
	4-Nitroaniline	50	52.7	ug/L	105	8			55	125	20
	4,6-Dinitro-2-methylphenol	50	53.2	ug/L	106	9			62	132	20
	N-Nitrosodiphenylamine	50	49.2	ug/L	98	7			61	109	20
	Azobenzene	50	50.8	ug/L	102	8			59	106	20
	4-Bromophenyl-phenylether	50	47.4	ug/L	95	7			73	103	20
	Hexachlorobenzene	50	47.8	ug/L	96	7			73	106	20
	Atrazine	50	60.5	ug/L	121	7	*		76	120	20
	Pentachlorophenol	100	94.9	ug/L	95	8			47	114	20
	Phenanthrene	50	49.8	ug/L	100	6			62	109	20
	Anthracene	50	52	ug/L	104	6			65	110	20
	Carbazole	50	51.2	ug/L	102	7			62	106	20
	Di-n-butylphthalate	50	50.6	ug/L	101	6			64	106	20
	Fluoranthene	50	51	ug/L	102	7			64	110	20
	Benzidine	100	89.8	ug/L	90	11			10	94	20
	Pyrene	50	49.9	ug/L	100	11			71	103	20
	Butylbenzylphthalate	50	55.3	ug/L	111	9	*		61	105	20
	3,3-Dichlorobenzidine	50	39	ug/L	78	6			43	108	20
	Benzo(a)anthracene	50	52.1	ug/L	104	8			62	107	20
	Chrysene	50	51.2	ug/L	102	9			61	108	20
	bis(2-Ethylhexyl)phthalate	50	57.9	ug/L	116	9	*		59	110	20
	Di-n-octyl phthalate	50	55.4	ug/L	111	7			52	139	20
	Benzo(b)fluoranthene	50	52.6	ug/L	105	2			77	113	20
	Benzo(k)fluoranthene	50	50.6	ug/L	101	4			77	105	20
	Benzo(a)pyrene	50	54.8	ug/L	110	5			72	131	20
	Indeno(1,2,3-cd)pyrene	50	53.4	ug/L	107	7	*		72	105	20
	Dibenz(a,h)anthracene	50	52.4	ug/L	105	5			78	115	20
	Benzo(g,h,i)perylene	50	49.6	ug/L	99	8			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	46.5	ug/L	93	6			72	101	20
	1,4-Dioxane	50	42.2	ug/L	84	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	53.3	ug/L	107	6			63	116	20
	1-Methylnaphthalene	50	46.5	ug/L	93	6			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163870BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100724

SAS No.: BF100724 SDG NO.: BF100724

Lab File ID: BF139683.D

Lab Sample ID: PB163870BL

Instrument ID: BNA_F

Date Extracted: 10/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 13:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163870BS	PB163870BS	BF139684.D	10/07/2024
IB-2	P4270-01	BF139695.D	10/07/2024
IB-2MS	P4270-01MS	BF139696.D	10/07/2024
IB-2MSD	P4270-01MSD	BF139697.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163898BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100724

SAS No.: BF100724 SDG NO.: BF100724

Lab File ID: BF139681.D

Lab Sample ID: PB163898BL

Instrument ID: BNA_F

Date Extracted: 10/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 12:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163898BS	PB163898BS	BF139682.D	10/07/2024
HR-02-100324	P4288-01	BF139698.D	10/07/2024
HR-03-100324	P4288-03	BF139699.D	10/07/2024
IB-4	P4290-01	BF139691.D	10/07/2024
IB-4MS	P4290-01MS	BF139692.D	10/07/2024
IB-4MSD	P4290-01MSD	BF139693.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163902BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100724

SAS No.: BF100724 SDG NO.: BF100724

Lab File ID: BF139687.D

Lab Sample ID: PB163902BL

Instrument ID: BNA_F

Date Extracted: 10/04/2024

Matrix: (soil/water) Water

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 15:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EFF-Waste Water	P4289-02	BF139694.D	10/07/2024
PB163902BS	PB163902BS	BF139685.D	10/07/2024
PB163902BSD	PB163902BSD	BF139686.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163905BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100724

SAS No.: BF100724 SDG NO.: BF100724

Lab File ID: BF139678.D

Lab Sample ID: PB163905BL

Instrument ID: BNA_F

Date Extracted: 10/04/2024

Matrix: (soil/water) Water

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 11:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163905BS	PB163905BS	BF139679.D	10/07/2024
PB163905BSD	PB163905BSD	BF139680.D	10/07/2024
222254	P4274-01	BF139689.D	10/07/2024
WATER-TOTES	P4285-03	BF139690.D	10/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4270-01MS		Client Sample ID: IB-2MS		DataFile: BF139696.D							
n-Nitrosodimethylamine	1300		1200	ug/Kg	92				66	124	
Pyridine	1300		1200	ug/Kg	92				45	119	
Benzaldehyde	1300		670	ug/Kg	52				10	86	
Aniline	1300		820	ug/Kg	63				10	88	
Phenol	1300		1300	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1300		1200	ug/Kg	92				54	125	
2-Chlorophenol	1300		1300	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1300		1200	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1300		1200	ug/Kg	92				62	101	
1,4-Dichlorobenzene	1300		1200	ug/Kg	92				63	104	
Benzyl Alcohol	1300		1300	ug/Kg	100				47	126	
2-Methylphenol	1300		1300	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1300		1200	ug/Kg	92				65	110	
Acetophenone	1300		1200	ug/Kg	92				75	111	
3+4-Methylphenols	1300		1300	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1300		1200	ug/Kg	92				59	119	
Hexachloroethane	1300		1200	ug/Kg	92				65	117	
Nitrobenzene	1300		1200	ug/Kg	92				70	119	
Isophorone	1300		1200	ug/Kg	92				76	122	
2-Nitrophenol	1300		1300	ug/Kg	100				54	145	
2,4-Dimethylphenol	1300		1500	ug/Kg	115				44	135	
bis(2-Chloroethoxy)methane	1300		1200	ug/Kg	92				68	112	
2,4-Dichlorophenol	1300		1300	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1300		1100	ug/Kg	85				57	103	
Benzoic acid	1300		1200	ug/Kg	92				50	104	
Naphthalene	1300		1200	ug/Kg	92				72	110	
4-Chloroaniline	1300		140	ug/Kg	11				10	91	
Hexachlorobutadiene	1300		1100	ug/Kg	85				66	114	
Caprolactam	1300		1300	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1300		1200	ug/Kg	92				57	132	
2-Methylnaphthalene	1300		1200	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2600		3300	ug/Kg	127				10	175	
2,4,6-Trichlorophenol	1300		1300	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1300		1200	ug/Kg	92				72	117	
1,1-Biphenyl	1300		1200	ug/Kg	92				75	113	
2-Chloronaphthalene	1300		1200	ug/Kg	92				67	118	
2-Nitroaniline	1300		1300	ug/Kg	100				69	127	
Dimethylphthalate	1300		1300	ug/Kg	100				70	113	
Acenaphthylene	1300		1300	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1300		1200	ug/Kg	92				70	125	
3-Nitroaniline	1300		680	ug/Kg	52				30	99	
Acenaphthene	1300	68.5	1400	ug/Kg	102				70	121	
Total PAH	20800	3931.8	22600	ug/Kg	90				70	121	
2,4-Dinitrophenol	2600		1900	ug/Kg	73				10	155	
4-Nitrophenol	2600		2300	ug/Kg	88				45	133	
Dibenzofuran	1300		1300	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

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	2600		2500	ug/Kg	96				55	128	
2,4-Dinitrotoluene	1300		1300	ug/Kg	100				55	128	
Diethylphthalate	1300		1200	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1300		1200	ug/Kg	92				71	108	
Fluorene	1300	73.3	1300	ug/Kg	94				68	116	
4-Nitroaniline	1300		1100	ug/Kg	85				55	120	
4,6-Dinitro-2-methylphenol	1300		1100	ug/Kg	85				10	160	
N-Nitrosodiphenylamine	1300		1300	ug/Kg	100				73	118	
Azobenzene	1300		1400	ug/Kg	108				73	110	
4-Bromophenyl-phenylether	1300		1200	ug/Kg	92				65	121	
Hexachlorobenzene	1300		1200	ug/Kg	92				67	118	
Atrazine	1300		1500	ug/Kg	115				79	127	
Pentachlorophenol	2600		2200	ug/Kg	85				47	128	
Phenanthrene	1300	680	1800	ug/Kg	86				52	128	
Anthracene	1300	180	1400	ug/Kg	94				62	124	
Carbazole	1300	64.9	1200	ug/Kg	87				59	119	
Di-n-butylphthalate	1300		1200	ug/Kg	92				69	118	
Fluoranthene	1300	640	1500	ug/Kg	66				44	125	
Benzydine	2600		1300	ug/Kg	50				10	119	
Pyrene	1300	620	1600	ug/Kg	75				26	142	
Butylbenzylphthalate	1300		1300	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1300		940	ug/Kg	72				33	116	
Benzo(a)anthracene	1300	350	1600	ug/Kg	96				71	114	
Chrysene	1300	330	1600	ug/Kg	98				57	121	
bis(2-Ethylhexyl)phthalate	1300		1400	ug/Kg	108				42	169	
Di-n-octyl phthalate	1300		1500	ug/Kg	115				23	175	
Benzo(b)fluoranthene	1300	310	1500	ug/Kg	92				67	121	
Benzo(k)fluoranthene	1300	120	1200	ug/Kg	83				57	134	
Benzo(a)pyrene	1300	300	1600	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1300	130	1300	ug/Kg	90				40	129	
Dibenz(a,h)anthracene	1300		1200	ug/Kg	92				43	123	
Benzo(g,h,i)perylene	1300	130	1100	ug/Kg	75				24	125	
1,2,4,5-Tetrachlorobenzene	1300		1200	ug/Kg	92				69	124	
1,4-Dioxane	1300		1200	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	1300		1300	ug/Kg	100				69	112	
1-Methylnaphthalene	1300		1200	ug/Kg	92				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4270-01MSD		Client Sample ID: IB-2MSD					DataFile: BF139697.D				
n-Nitrosodimethylamine	1300		1300	ug/Kg	100		8		66	124	20
Pyridine	1300		1300	ug/Kg	100		8		45	119	20
Benzaldehyde	1300		720	ug/Kg	55		6		10	86	20
Aniline	1300		930	ug/Kg	72		13		10	88	20
Phenol	1300		1400	ug/Kg	108		8		67	126	20
bis(2-Chloroethyl)ether	1300		1300	ug/Kg	100		8		54	125	20
2-Chlorophenol	1300		1400	ug/Kg	108	*	8		79	107	20
1,2-Dichlorobenzene	1300		1300	ug/Kg	100		8		61	105	20
1,3-Dichlorobenzene	1300		1300	ug/Kg	100		8		62	101	20
1,4-Dichlorobenzene	1300		1300	ug/Kg	100		8		63	104	20
Benzyl Alcohol	1300		1400	ug/Kg	108		8		47	126	20
2-Methylphenol	1300		1400	ug/Kg	108		8		66	122	20
2,2-oxybis(1-Chloropropane)	1300		1300	ug/Kg	100		8		65	110	20
Acetophenone	1300		1300	ug/Kg	100		8		75	111	20
3+4-Methylphenols	1300		1400	ug/Kg	108	*	8		66	104	20
N-Nitroso-di-n-propylamine	1300		1300	ug/Kg	100		8		59	119	20
Hexachloroethane	1300		1300	ug/Kg	100		8		65	117	20
Nitrobenzene	1300		1300	ug/Kg	100		8		70	119	20
Isophorone	1300		1300	ug/Kg	100		8		76	122	20
2-Nitrophenol	1300		1400	ug/Kg	108		8		54	145	20
2,4-Dimethylphenol	1300		1600	ug/Kg	123		7		44	135	20
bis(2-Chloroethoxy)methane	1300		1300	ug/Kg	100		8		68	112	20
2,4-Dichlorophenol	1300		1300	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1300		1200	ug/Kg	92		8		57	103	20
Benzoic acid	1300		1200	ug/Kg	92		0		50	104	20
Naphthalene	1300		1300	ug/Kg	100		8		72	110	20
4-Chloroaniline	1300		210	ug/Kg	16		37	*	10	91	20
Hexachlorobutadiene	1300		1200	ug/Kg	92		8		66	114	20
Caprolactam	1300		1300	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1300		1300	ug/Kg	100		8		57	132	20
2-Methylnaphthalene	1300		1300	ug/Kg	100		8		59	123	20
Hexachlorocyclopentadiene	2600		3200	ug/Kg	123		3		10	175	20
2,4,6-Trichlorophenol	1300		1300	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1300		1300	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1300		1300	ug/Kg	100		8		75	113	20
2-Chloronaphthalene	1300		1300	ug/Kg	100		8		67	118	20
2-Nitroaniline	1300		1300	ug/Kg	100		0		69	127	20
Dimethylphthalate	1300		1300	ug/Kg	100		0		70	113	20
Acenaphthylene	1300		1400	ug/Kg	108		8		79	118	20
2,6-Dinitrotoluene	1300		1300	ug/Kg	100		8		70	125	20
3-Nitroaniline	1300		720	ug/Kg	55		6		30	99	20
Acenaphthene	1300	68.5	1400	ug/Kg	102		0		70	121	20
Total PAH	20800	3931.8	23800	ug/Kg	96		6		70	121	20
2,4-Dinitrophenol	2600		1900	ug/Kg	73		0		10	155	20
4-Nitrophenol	2600		2300	ug/Kg	88		0		45	133	20
Dibenzofuran	1300		1300	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

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	2600		2600	ug/Kg	100		4		55	128	20
2,4-Dinitrotoluene	1300		1300	ug/Kg	100		0		55	128	20
Diethylphthalate	1300		1300	ug/Kg	100		8		70	112	20
4-Chlorophenyl-phenylether	1300		1200	ug/Kg	92		0		71	108	20
Fluorene	1300	73.3	1300	ug/Kg	94		0		68	116	20
4-Nitroaniline	1300		1100	ug/Kg	85		0		55	120	20
4,6-Dinitro-2-methylphenol	1300		1100	ug/Kg	85		0		10	160	20
N-Nitrosodiphenylamine	1300		1500	ug/Kg	115		14		73	118	20
Azobenzene	1300		1400	ug/Kg	108		0		73	110	20
4-Bromophenyl-phenylether	1300		1300	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1300		1300	ug/Kg	100		8		67	118	20
Atrazine	1300		1600	ug/Kg	123		7		79	127	20
Pentachlorophenol	2600		2300	ug/Kg	88		3		47	128	20
Phenanthrene	1300	680	1900	ug/Kg	94		9		52	128	20
Anthracene	1300	180	1500	ug/Kg	102		8		62	124	20
Carbazole	1300	64.9	1300	ug/Kg	95		9		59	119	20
Di-n-butylphthalate	1300		1300	ug/Kg	100		8		69	118	20
Fluoranthene	1300	640	1600	ug/Kg	74		11		44	125	20
Benzydine	2600		1500	ug/Kg	58		15		10	119	20
Pyrene	1300	620	1700	ug/Kg	83		10		26	142	20
Butylbenzylphthalate	1300		1400	ug/Kg	108		8		64	126	20
3,3-Dichlorobenzidine	1300		1100	ug/Kg	85		17		33	116	20
Benzo(a)anthracene	1300	350	1700	ug/Kg	104		8		71	114	20
Chrysene	1300	330	1700	ug/Kg	105		7		57	121	20
bis(2-Ethylhexyl)phthalate	1300		1400	ug/Kg	108		0		42	169	20
Di-n-octyl phthalate	1300		1600	ug/Kg	123		7		23	175	20
Benzo(b)fluoranthene	1300	310	1600	ug/Kg	99		7		67	121	20
Benzo(k)fluoranthene	1300	120	1300	ug/Kg	91		9		57	134	20
Benzo(a)pyrene	1300	300	1700	ug/Kg	108		8		70	142	20
Indeno(1,2,3-cd)pyrene	1300	130	1300	ug/Kg	90		0		40	129	20
Dibenz(a,h)anthracene	1300		1200	ug/Kg	92		0		43	123	20
Benzo(g,h,i)perylene	1300	130	1200	ug/Kg	82		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1300		1300	ug/Kg	100		8		69	124	20
1,4-Dioxane	1300		1200	ug/Kg	92		0		46	112	20
2,3,4,6-Tetrachlorophenol	1300		1300	ug/Kg	100		0		69	112	20
1-Methylnaphthalene	1300		1200	ug/Kg	92		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4290-01MS		Client Sample ID: IB-4MS		DataFile: BF139692.D							
n-Nitrosodimethylamine	1200		1200	ug/Kg	100				66	124	
Pyridine	1200		1100	ug/Kg	92				45	119	
Benzaldehyde	1200		590	ug/Kg	49				10	86	
Aniline	1200		1000	ug/Kg	83				10	88	
Phenol	1200		1200	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				54	125	
2-Chlorophenol	1200		1200	ug/Kg	100				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		1200	ug/Kg	100				47	126	
2-Methylphenol	1200		1200	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92				65	110	
Acetophenone	1200		1100	ug/Kg	92				75	111	
3+4-Methylphenols	1200		1200	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1200		1100	ug/Kg	92				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1100	ug/Kg	92				70	119	
Isophorone	1200		1100	ug/Kg	92				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		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1200	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		1100	ug/Kg	92				72	110	
4-Chloroaniline	1200		310	ug/Kg	26				10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100				57	132	
2-Methylnaphthalene	1200		1200	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2500		3900	ug/Kg	156				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		1100	ug/Kg	92				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				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		740	ug/Kg	62				30	99	
Acenaphthene	1200		1300	ug/Kg	108				70	121	
Total PAH	19200		19100	ug/Kg	99				70	121	
2,4-Dinitrophenol	2500		2500	ug/Kg	100				10	155	
4-Nitrophenol	2500		2300	ug/Kg	92				45	133	
Dibenzofuran	1200		1100	ug/Kg	92				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2300	ug/Kg	96				55	128	
Diethylphthalate	1200		1100	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200		1100	ug/Kg	92				68	116	
4-Nitroaniline	1200		1200	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1200		1200	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1200		1200	ug/Kg	100				73	118	
Azobenzene	1200		1300	ug/Kg	108				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1400	ug/Kg	117				79	127	
Pentachlorophenol	2500		2100	ug/Kg	84				47	128	
Phenanthrene	1200		1200	ug/Kg	100				52	128	
Anthracene	1200		1200	ug/Kg	100				62	124	
Carbazole	1200		1200	ug/Kg	100				59	119	
Di-n-butylphthalate	1200		1200	ug/Kg	100				69	118	
Fluoranthene	1200		1100	ug/Kg	92				44	125	
Benzydine	2500		530	ug/Kg	21				10	119	
Pyrene	1200		1200	ug/Kg	100				26	142	
Butylbenzylphthalate	1200		1300	ug/Kg	108				64	126	
3,3-Dichlorobenzidine	1200		840	ug/Kg	70				33	116	
Benzo(a)anthracene	1200		1200	ug/Kg	100				71	114	
Chrysene	1200		1200	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1200		1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200		1200	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1200		1100	ug/Kg	92				67	121	
Benzo(k)fluoranthene	1200		1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200		1300	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1200		1300	ug/Kg	108				40	129	
Dibenz(a,h)anthracene	1200		1300	ug/Kg	108				43	123	
Benzo(g,h,i)perylene	1200		1200	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92				69	124	
1,4-Dioxane	1200		1200	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100				69	112	
1-Methylnaphthalene	1200		1100	ug/Kg	92				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4290-01MSD		Client Sample ID: IB-4MSD		DataFile: BF139693.D							
n-Nitrosodimethylamine	1200		1200	ug/Kg	100	0			66	124	20
Pyridine	1200		1200	ug/Kg	100	8			45	119	20
Benzaldehyde	1200		620	ug/Kg	52	6			10	86	20
Aniline	1200		1100	ug/Kg	92	*	10		10	88	20
Phenol	1200		1300	ug/Kg	108	8			67	126	20
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92	0			54	125	20
2-Chlorophenol	1200		1200	ug/Kg	100	0			79	107	20
1,2-Dichlorobenzene	1200		1200	ug/Kg	100	8			61	105	20
1,3-Dichlorobenzene	1200		1200	ug/Kg	100	8			62	101	20
1,4-Dichlorobenzene	1200		1200	ug/Kg	100	8			63	104	20
Benzyl Alcohol	1200		1200	ug/Kg	100	0			47	126	20
2-Methylphenol	1200		1200	ug/Kg	100	0			66	122	20
2,2-oxybis(1-Chloropropane)	1200		1200	ug/Kg	100	8			65	110	20
Acetophenone	1200		1200	ug/Kg	100	8			75	111	20
3+4-Methylphenols	1200		1200	ug/Kg	100	0			66	104	20
N-Nitroso-di-n-propylamine	1200		1200	ug/Kg	100	8			59	119	20
Hexachloroethane	1200		1200	ug/Kg	100	8			65	117	20
Nitrobenzene	1200		1200	ug/Kg	100	8			70	119	20
Isophorone	1200		1200	ug/Kg	100	8			76	122	20
2-Nitrophenol	1200		1300	ug/Kg	108	8			54	145	20
2,4-Dimethylphenol	1200		1500	ug/Kg	125	7			44	135	20
bis(2-Chloroethoxy)methane	1200		1200	ug/Kg	100	8			68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100	0			72	118	20
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92	0			57	103	20
Benzoic acid	1200		1200	ug/Kg	100	8			50	104	20
Naphthalene	1200		1200	ug/Kg	100	8			72	110	20
4-Chloroaniline	1200		350	ug/Kg	29	11			10	91	20
Hexachlorobutadiene	1200		1100	ug/Kg	92	0			66	114	20
Caprolactam	1200		1300	ug/Kg	108	8			51	134	20
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100	0			57	132	20
2-Methylnaphthalene	1200		1200	ug/Kg	100	0			59	123	20
Hexachlorocyclopentadiene	2500		4100	ug/Kg	164	5			10	175	20
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100	0			72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100	8			72	117	20
1,1-Biphenyl	1200		1200	ug/Kg	100	8			75	113	20
2-Chloronaphthalene	1200		1200	ug/Kg	100	8			67	118	20
2-Nitroaniline	1200		1300	ug/Kg	108	8			69	127	20
Dimethylphthalate	1200		1200	ug/Kg	100	0			70	113	20
Acenaphthylene	1200		1300	ug/Kg	108	8			79	118	20
2,6-Dinitrotoluene	1200		1200	ug/Kg	100	8			70	125	20
3-Nitroaniline	1200		780	ug/Kg	65	5			30	99	20
Acenaphthene	1200		1300	ug/Kg	108	0			70	121	20
Total PAH	19200		20100	ug/Kg	105	6			70	121	20
2,4-Dinitrophenol	2500		2700	ug/Kg	108	8			10	155	20
4-Nitrophenol	2500		2500	ug/Kg	100	8			45	133	20
Dibenzofuran	1200		1200	ug/Kg	100	8			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1300	ug/Kg	108		8		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2500	ug/Kg	104		8		55	128	20
Diethylphthalate	1200		1200	ug/Kg	100		8		70	112	20
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92		0		71	108	20
Fluorene	1200		1200	ug/Kg	100		8		68	116	20
4-Nitroaniline	1200		1200	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1200		1300	ug/Kg	108		8		10	160	20
N-Nitrosodiphenylamine	1200		1200	ug/Kg	100		0		73	118	20
Azobenzene	1200		1400	ug/Kg	117	*	8		73	110	20
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92		0		65	121	20
Hexachlorobenzene	1200		1200	ug/Kg	100		8		67	118	20
Atrazine	1200		1500	ug/Kg	125		7		79	127	20
Pentachlorophenol	2500		2200	ug/Kg	88		5		47	128	20
Phenanthrene	1200		1200	ug/Kg	100		0		52	128	20
Anthracene	1200		1300	ug/Kg	108		8		62	124	20
Carbazole	1200		1200	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1200		1200	ug/Kg	100		0		69	118	20
Fluoranthene	1200		1200	ug/Kg	100		8		44	125	20
Benzidine	2500		910	ug/Kg	36		53	*	10	119	20
Pyrene	1200		1300	ug/Kg	108		8		26	142	20
Butylbenzylphthalate	1200		1400	ug/Kg	117		8		64	126	20
3,3-Dichlorobenzidine	1200		860	ug/Kg	72		3		33	116	20
Benzo(a)anthracene	1200		1200	ug/Kg	100		0		71	114	20
Chrysene	1200		1200	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1300	ug/Kg	108		0		42	169	20
Di-n-octyl phthalate	1200		1300	ug/Kg	108		8		23	175	20
Benzo(b)fluoranthene	1200		1100	ug/Kg	92		0		67	121	20
Benzo(k)fluoranthene	1200		1200	ug/Kg	100		8		57	134	20
Benzo(a)pyrene	1200		1300	ug/Kg	108		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1400	ug/Kg	117		8		40	129	20
Dibenz(a,h)anthracene	1200		1400	ug/Kg	117		8		43	123	20
Benzo(g,h,i)perylene	1200		1300	ug/Kg	108		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100		8		69	124	20
1,4-Dioxane	1200		1200	ug/Kg	100		0		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1300	ug/Kg	108		8		69	112	20
1-Methylnaphthalene	1200		1100	ug/Kg	92		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF100724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4270-01	IB-2	BF139695.D	2-Fluorophenol	150	93.13	62		18	112
			Phenol-d6	150	94.22	63		15	107
			Nitrobenzene-d5	100	62.33	62		18	107
			2-Fluorobiphenyl	100	58.54	59		20	109
			2,4,6-Tribromophenol	150	86.23	57		10	116
			Terphenyl-d14	100	56.80	57		10	105
P4270-01MS	IB-2MS	BF139696.D	2-Fluorophenol	150	86.11	57		18	112
			Phenol-d6	150	86.93	58		15	107
			Nitrobenzene-d5	100	58.40	58		18	107
			2-Fluorobiphenyl	100	54.83	55		20	109
			2,4,6-Tribromophenol	150	79.82	53		10	116
			Terphenyl-d14	100	51.30	51		10	105
P4270-01MSD	IB-2MSD	BF139697.D	2-Fluorophenol	150	92.16	61		18	112
			Phenol-d6	150	94.87	63		15	107
			Nitrobenzene-d5	100	62.64	63		18	107
			2-Fluorobiphenyl	100	58.34	58		20	109
			2,4,6-Tribromophenol	150	80.79	54		10	116
			Terphenyl-d14	100	53.43	53		10	105
PB163870BL	PB163870BL	BF139683.D	2-Fluorophenol	150	150.22	100		18	112
			Phenol-d6	150	146.30	98		15	107
			Nitrobenzene-d5	100	97.11	97		18	107
			2-Fluorobiphenyl	100	95.00	95		20	109
			2,4,6-Tribromophenol	150	143.79	96		10	116
			Terphenyl-d14	100	84.71	85		10	105
PB163870BS	PB163870BS	BF139684.D	2-Fluorophenol	150	137.67	92		18	112
			Phenol-d6	150	137.54	92		15	107
			Nitrobenzene-d5	100	91.51	92		18	107
			2-Fluorobiphenyl	100	88.35	88		20	109
			2,4,6-Tribromophenol	150	140.67	94		10	116
			Terphenyl-d14	100	92.90	93		10	105

Surrogate Summary

SW-846

SDG No.: **BF100724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4276-02RE	VNJ-208RE	BF139688.D	2-Fluorophenol	150	139.65	93		10	139
			Phenol-d6	150	61.06	41		10	134
			Nitrobenzene-d5	100	110.11	110		49	133
			2-Fluorobiphenyl	100	265.59	266	*	52	132
			2,4,6-Tribromophenol	150	419.59	280	*	44	137
			Terphenyl-d14	100	342.49	342	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF100724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4288-01	HR-02-100324	BF139698.D	2-Fluorophenol	150	46.84	31		18	112
			Phenol-d6	150	46.24	31		15	107
			Nitrobenzene-d5	100	32.21	32		18	107
			2-Fluorobiphenyl	100	33.68	34		20	109
			2,4,6-Tribromophenol	150	35.05	23		10	116
			Terphenyl-d14	100	25.23	25		10	105
P4288-03	HR-03-100324	BF139699.D	2-Fluorophenol	150	100.35	67		18	112
			Phenol-d6	150	95.89	64		15	107
			Nitrobenzene-d5	100	68.09	68		18	107
			2-Fluorobiphenyl	100	76.70	77		20	109
			2,4,6-Tribromophenol	150	81.00	54		10	116
			Terphenyl-d14	100	58.24	58		10	105
P4290-01	IB-4	BF139691.D	2-Fluorophenol	150	106.51	71		18	112
			Phenol-d6	150	105.29	70		15	107
			Nitrobenzene-d5	100	71.85	72		18	107
			2-Fluorobiphenyl	100	73.06	73		20	109
			2,4,6-Tribromophenol	150	109.49	73		10	116
			Terphenyl-d14	100	76.12	76		10	105
P4290-01MS	IB-4MS	BF139692.D	2-Fluorophenol	150	95.72	64		18	112
			Phenol-d6	150	96.38	64		15	107
			Nitrobenzene-d5	100	65.32	65		18	107
			2-Fluorobiphenyl	100	64.93	65		20	109
			2,4,6-Tribromophenol	150	97.27	65		10	116
			Terphenyl-d14	100	75.23	75		10	105
P4290-01MSD	IB-4MSD	BF139693.D	2-Fluorophenol	150	99.02	66		18	112
			Phenol-d6	150	100.56	67		15	107
			Nitrobenzene-d5	100	68.20	68		18	107
			2-Fluorobiphenyl	100	68.39	68		20	109
			2,4,6-Tribromophenol	150	103.34	69		10	116
			Terphenyl-d14	100	77.69	78		10	105
PB163898BL	PB163898BL	BF139681.D	2-Fluorophenol	150	151.42	101		18	112
			Phenol-d6	150	147.70	98		15	107
			Nitrobenzene-d5	100	97.95	98		18	107
			2-Fluorobiphenyl	100	94.33	94		20	109
			2,4,6-Tribromophenol	150	144.87	97		10	116
			Terphenyl-d14	100	86.34	86		10	105
PB163898BS	PB163898BS	BF139682.D	2-Fluorophenol	150	146.98	98		18	112
			Phenol-d6	150	147.37	98		15	107
			Nitrobenzene-d5	100	96.74	97		18	107
			2-Fluorobiphenyl	100	93.69	94		20	109
			2,4,6-Tribromophenol	150	148.34	99		10	116
			Terphenyl-d14	100	100.87	101		10	105

Surrogate Summary

SW-846

SDG No.: **BF100724**

Client:

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4289-02	EFF-Waste Water	BF139694.D	2-Fluorophenol	100	52.80	53	*	60	140
			Phenol-d6	100	40.15	40	*	60	140
			Nitrobenzene-d5	100	112.30	112		60	140
			2-Fluorobiphenyl	100	79.33	79		60	140
			2,4,6-Tribromophenol	100	59.03	59	*	60	140
			Terphenyl-d14	100	60.90	61		60	140
PB163902BL	PB163902BL	BF139687.D	2-Fluorophenol	100	103.35	103		60	140
			Phenol-d6	100	103.19	103		60	140
			Nitrobenzene-d5	100	97.54	98		60	140
			2-Fluorobiphenyl	100	94.70	95		60	140
			2,4,6-Tribromophenol	100	97.31	97		60	140
			Terphenyl-d14	100	88.69	89		60	140
PB163902BS	PB163902BS	BF139685.D	2-Fluorophenol	100	95.82	96		60	140
			Phenol-d6	100	94.55	95		60	140
			Nitrobenzene-d5	100	88.50	88		60	140
			2-Fluorobiphenyl	100	83.76	84		60	140
			2,4,6-Tribromophenol	100	93.18	93		60	140
			Terphenyl-d14	100	90.67	91		60	140
PB163902BSD	PB163902BSD	BF139686.D	2-Fluorophenol	100	101.80	102		60	140
			Phenol-d6	100	101.50	102		60	140
			Nitrobenzene-d5	100	96.08	96		60	140
			2-Fluorobiphenyl	100	93.17	93		60	140
			2,4,6-Tribromophenol	100	102.12	102		60	140
			Terphenyl-d14	100	100.02	100		60	140

Surrogate Summary

SW-846

SDG No.: **BF100724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4274-01	222254	BF139689.D	2-Fluorophenol	150	69.04	46		10	139
			Phenol-d6	150	41.52	28		10	134
			Nitrobenzene-d5	100	100.58	101		49	133
			2-Fluorobiphenyl	100	96.09	96		52	132
			2,4,6-Tribromophenol	150	148.62	99		44	137
			Terphenyl-d14	100	94.49	94		48	125
P4285-03	WATER-TOTES	BF139690.D	2-Fluorophenol	150	62.81	42		10	139
			Phenol-d6	150	38.82	26		10	134
			Nitrobenzene-d5	100	92.93	93		49	133
			2-Fluorobiphenyl	100	89.85	90		52	132
			2,4,6-Tribromophenol	150	128.59	86		44	137
			Terphenyl-d14	100	92.78	93		48	125
PB163905BL	PB163905BL	BF139678.D	2-Fluorophenol	150	137.00	91		10	139
			Phenol-d6	150	136.86	91		10	134
			Nitrobenzene-d5	100	90.41	90		49	133
			2-Fluorobiphenyl	100	87.72	88		52	132
			2,4,6-Tribromophenol	150	138.41	92		44	137
			Terphenyl-d14	100	78.96	79		48	125
PB163905BS	PB163905BS	BF139679.D	2-Fluorophenol	150	139.46	93		10	139
			Phenol-d6	150	138.25	92		10	134
			Nitrobenzene-d5	100	89.65	90		49	133
			2-Fluorobiphenyl	100	86.45	86		52	132
			2,4,6-Tribromophenol	150	136.86	91		44	137
			Terphenyl-d14	100	90.14	90		48	125
PB163905BSD	PB163905BSD	BF139680.D	2-Fluorophenol	150	143.38	96		10	139
			Phenol-d6	150	142.86	95		10	134
			Nitrobenzene-d5	100	93.75	94		49	133
			2-Fluorobiphenyl	100	90.18	90		52	132
			2,4,6-Tribromophenol	150	143.80	96		44	137
			Terphenyl-d14	100	98.06	98		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100724

Lab Code: CHEM

SAS No.: BF100724

SDG NO.: BF100724

Lab File ID: BF139676.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.6
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.6
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	6.5
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.1 (19.3) 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	BF139677.D	10/07/2024	10:47
PB163905BL	PB163905BL	BF139678.D	10/07/2024	11:16
PB163905BS	PB163905BS	BF139679.D	10/07/2024	11:44
PB163905BSD	PB163905BSD	BF139680.D	10/07/2024	12:12
PB163898BL	PB163898BL	BF139681.D	10/07/2024	12:40
PB163898BS	PB163898BS	BF139682.D	10/07/2024	13:09
PB163870BL	PB163870BL	BF139683.D	10/07/2024	13:38
PB163870BS	PB163870BS	BF139684.D	10/07/2024	14:06
PB163902BS	PB163902BS	BF139685.D	10/07/2024	14:35
PB163902BSD	PB163902BSD	BF139686.D	10/07/2024	15:04
PB163902BL	PB163902BL	BF139687.D	10/07/2024	15:33
VNJ-208RE	P4276-02RE	BF139688.D	10/07/2024	16:05
222254	P4274-01	BF139689.D	10/07/2024	16:33
WATER-TOTES	P4285-03	BF139690.D	10/07/2024	17:02
IB-4	P4290-01	BF139691.D	10/07/2024	17:31
IB-4MS	P4290-01MS	BF139692.D	10/07/2024	17:59
IB-4MSD	P4290-01MSD	BF139693.D	10/07/2024	18:28
EFF-Waste Water	P4289-02	BF139694.D	10/07/2024	18:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100724

Lab Code: CHEM

SAS No.: BF100724 SDG NO.: BF100724

Lab File ID: BF139676.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.6
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.6
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	6.5
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.1 (19.3) 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
IB-2	P4270-01	BF139695.D	10/07/2024	19:25
IB-2MS	P4270-01MS	BF139696.D	10/07/2024	19:53
IB-2MSD	P4270-01MSD	BF139697.D	10/07/2024	20:21
HR-02-100324	P4288-01	BF139698.D	10/07/2024	20:50
HR-03-100324	P4288-03	BF139699.D	10/07/2024	21:18