

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM092324
Lab Sample ID:	PB163525BL	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
BM047599.D	1	9/19/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163525

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

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM092324
Lab Sample ID:	PB163525BL	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
BM047599.D	1	9/19/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	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	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM092324
Lab Sample ID:	PB163525BL	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
BM047599.D	1	9/19/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.376		18-112		86	SPK: -150
13127-88-3	Phenol-d6	122.1		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	82.141		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	88.721		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PB163525BL	SDG No.:	BM092324
Lab Sample ID:	PB163525BL	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
BM047599.D	1	9/19/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.246		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	110.346	*	10-105		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	362092	7.839				
1146-65-2	Naphthalene-d8	1395561	10.639				
15067-26-2	Acenaphthene-d10	664243	14.468				
1517-22-2	Phenanthrene-d10	1141773	17.204				
1719-03-5	Chrysene-d12	723811	21.433				
1520-96-3	Perylene-d12	696704	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			4.951	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM092324
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM047600.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163344

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM092324
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047600.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163344

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

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM092324
Lab Sample ID:	PB163344BL	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
BM047600.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163344

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	96.531		60-140		97	SPK: -100
13127-88-3	Phenol-d6	93.13		60-140		93	SPK: -100
4165-60-0	Nitrobenzene-d5	96.235		60-140		96	SPK: -100
321-60-8	2-Fluorobiphenyl	109.099		60-140		109	SPK: -100
118-79-6	2,4,6-Tribromophenol	69.812		60-140		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BM092324
Lab Sample ID:	PB163344BL	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
BM047600.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	127.158		60-140		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304832	7.845				
1146-65-2	Naphthalene-d8	1161519	10.634				
15067-26-2	Acenaphthene-d10	523773	14.469				
1517-22-2	Phenanthrene-d10	914542	17.204				
1719-03-5	Chrysene-d12	616013	21.427				
1520-96-3	Perylene-d12	584879	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	43.3	A			4.952	
000822-67-3	2-Cyclohexen-1-ol	3	J			5.746	
000930-68-7	2-Cyclohexen-1-one	5.1	J			6.463	
001561-86-0	2-Chlorocyclohexanol	4.2	J			8.157	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM092324
Lab Sample ID:	P3845-22	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
BM047601.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163318

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM092324
Lab Sample ID:	P3845-22	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
BM047601.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163318

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	21.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM092324
Lab Sample ID:	P3845-22	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
BM047601.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163318

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	157.289		10-139		105	SPK: -150
13127-88-3	Phenol-d6	152.888		10-134		102	SPK: -150
4165-60-0	Nitrobenzene-d5	103.45		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	114.415		52-132		114	SPK: -100

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BM092324
Lab Sample ID:	P3845-22	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
BM047601.D	1	9/12/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.116		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	136.057	*	48-125		136	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260539	7.84				
1146-65-2	Naphthalene-d8	961904	10.634				
15067-26-2	Acenaphthene-d10	453032	14.469				
1517-22-2	Phenanthrene-d10	806425	17.204				
1719-03-5	Chrysene-d12	573772	21.427				
1520-96-3	Perylene-d12	644450	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.9	A			4.952	
003397-62-4	1,3,5-Triazine-2,4-diamine, 6-chlo	3.3	J			14.904	
	unknown15.827	6	J			15.827	
001610-17-9	Atraton	4.7	J			16.48	
001610-18-0	Prometon	7.9	J			16.551	
000122-34-9	Simazine	9.3	J			16.61	
007287-19-6	Prometryn	5.2	J			17.916	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MS	SDG No.:	BM092324
Lab Sample ID:	P4135-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047602.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		99.2	310	380	ug/Kg
110-86-1	Pyridine	1600		91.4	150	190	ug/Kg
100-52-7	Benzaldehyde	440		210	310	380	ug/Kg
62-53-3	Aniline	1800		110	150	190	ug/Kg
108-95-2	Phenol	1900		94.8	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		95.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	1800		95.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		96.7	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		98.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		98.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		94.9	310	380	ug/Kg
95-48-7	2-Methylphenol	1900		92.2	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		100	150	190	ug/Kg
98-86-2	Acetophenone	1800		99.4	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		91.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		46.1	91.5	91.5	ug/Kg
67-72-1	Hexachloroethane	1800		94.9	150	190	ug/Kg
98-95-3	Nitrobenzene	1700		100	150	190	ug/Kg
78-59-1	Isophorone	1800		96.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	1900		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		98.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		86.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		97.6	150	190	ug/Kg
65-85-0	Benzoic acid	1700		270	310	380	ug/Kg
91-20-3	Naphthalene	1800		94.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	760		94.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1800		95.2	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MS	SDG No.:	BM092324
Lab Sample ID:	P4135-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047602.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		99.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		88.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1900		94.3	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7600	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		81.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		84.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	2000		99.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1900		95.2	150	190	ug/Kg
88-74-4	2-Nitroaniline	1900		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	1800		93.4	150	190	ug/Kg
208-96-8	Acenaphthylene	2100		98.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		95.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	1100		100	150	190	ug/Kg
83-32-9	Acenaphthene	2000		92.7	150	190	ug/Kg
Total PAH	Total PAH	31200		1518.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	E	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	3900	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	1900		96.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		193.7	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		98.6	150	190	ug/Kg
84-66-2	Diethylphthalate	1800		91.6	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		97.9	150	190	ug/Kg
86-73-7	Fluorene	1900		97.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		93.3	150	190	ug/Kg
103-33-3	Azobenzene	2000		91	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		90.2	150	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		97.2	150	190	ug/Kg
1912-24-9	Atrazine	2400		100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MS	SDG No.:	BM092324
Lab Sample ID:	P4135-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047602.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4000	E	88.4	310	380	ug/Kg
85-01-8	Phenanthrene	1900		96	150	190	ug/Kg
120-12-7	Anthracene	2100		96.5	150	190	ug/Kg
86-74-8	Carbazole	1800		91.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	2000		96.4	150	190	ug/Kg
206-44-0	Fluoranthene	1800		93.4	150	190	ug/Kg
92-87-5	Benzidine	4800	E	190	310	380	ug/Kg
129-00-0	Pyrene	2000		94.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2100		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	1900		92.3	150	190	ug/Kg
218-01-9	Chrysene	1900		90.9	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		92.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		94.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2000		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		89.3	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		92.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		91.6	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		99.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	1700		130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		85.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1800		95.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.175		18-112		74	SPK: -150
13127-88-3	Phenol-d6	108.416		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	70.067		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	75.227		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MS	SDG No.:	BM092324
Lab Sample ID:	P4135-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047602.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.126		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	77.504		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322545	7.84				
1146-65-2	Naphthalene-d8	1272141	10.634				
15067-26-2	Acenaphthene-d10	626942	14.469				
1517-22-2	Phenanthrene-d10	1105561	17.204				
1719-03-5	Chrysene-d12	894442	21.433				
1520-96-3	Perylene-d12	921122	24.456				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MSD	SDG No.:	BM092324
Lab Sample ID:	P4135-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047603.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000		99.1	310	380	ug/Kg
110-86-1	Pyridine	1700		91.3	150	190	ug/Kg
100-52-7	Benzaldehyde	490		210	310	380	ug/Kg
62-53-3	Aniline	2100		110	150	190	ug/Kg
108-95-2	Phenol	2200		94.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		95.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	2100		95.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		96.6	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		98.2	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		98.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	2200		94.8	310	380	ug/Kg
95-48-7	2-Methylphenol	2100		92.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		100	150	190	ug/Kg
98-86-2	Acetophenone	2000		99.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	2100		91.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		46	91.4	91.4	ug/Kg
67-72-1	Hexachloroethane	1900		94.8	150	190	ug/Kg
98-95-3	Nitrobenzene	1900		100	150	190	ug/Kg
78-59-1	Isophorone	2100		96.6	150	190	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		98	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		86.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		97.5	150	190	ug/Kg
65-85-0	Benzoic acid	2000		270	310	380	ug/Kg
91-20-3	Naphthalene	2000		94.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	960		94.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1900		95.2	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MSD	SDG No.:	BM092324
Lab Sample ID:	P4135-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047603.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		99.1	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		88.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	2100		94.2	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7500	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		81.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		84.5	150	190	ug/Kg
92-52-4	1,1-Biphenyl	2100		99.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	2000		95.2	150	190	ug/Kg
88-74-4	2-Nitroaniline	2200		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	2000		93.3	150	190	ug/Kg
208-96-8	Acenaphthylene	2200		98.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		95	150	190	ug/Kg
99-09-2	3-Nitroaniline	1200		100	150	190	ug/Kg
83-32-9	Acenaphthene	2100		92.6	150	190	ug/Kg
Total PAH	Total PAH	34100		1517.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	4900	E	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	4400	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	2000		96.4	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4000		193.5	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		98.5	150	190	ug/Kg
84-66-2	Diethylphthalate	2000		91.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		97.8	150	190	ug/Kg
86-73-7	Fluorene	2100		97.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	2000		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		93.2	150	190	ug/Kg
103-33-3	Azobenzene	2200		90.9	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		90.1	150	190	ug/Kg
118-74-1	Hexachlorobenzene	2000		97.1	150	190	ug/Kg
1912-24-9	Atrazine	2700		100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MSD	SDG No.:	BM092324
Lab Sample ID:	P4135-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047603.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4600	E	88.3	310	380	ug/Kg
85-01-8	Phenanthrene	2100		95.9	150	190	ug/Kg
120-12-7	Anthracene	2300		96.4	150	190	ug/Kg
86-74-8	Carbazole	2000		91.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	2100		96.3	150	190	ug/Kg
206-44-0	Fluoranthene	2000		93.3	150	190	ug/Kg
92-87-5	Benzidine	5200	E	190	310	380	ug/Kg
129-00-0	Pyrene	2300		94.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2300		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2100		92.2	150	190	ug/Kg
218-01-9	Chrysene	2100		90.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		92.6	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		94.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2300		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		89.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		92.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		91.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		99.1	150	190	ug/Kg
123-91-1	1,4-Dioxane	1700		130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		85.3	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1900		95	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.439		18-112		82	SPK: -150
13127-88-3	Phenol-d6	122.253		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	78.261		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	80.024		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6MSD	SDG No.:	BM092324
Lab Sample ID:	P4135-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047603.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.935		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	87.05		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	355159	7.834				
1146-65-2	Naphthalene-d8	1418426	10.634				
15067-26-2	Acenaphthene-d10	728566	14.469				
1517-22-2	Phenanthrene-d10	1263087	17.204				
1719-03-5	Chrysene-d12	1006113	21.427				
1520-96-3	Perylene-d12	911194	24.45				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6	SDG No.:	BM092324
Lab Sample ID:	P4135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04	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
BM047604.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.2	U	99.2	310	380	ug/Kg
110-86-1	Pyridine	91.3	U	91.3	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.7	U	94.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.6	U	95.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.4	U	95.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.7	U	96.7	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.3	U	98.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.8	U	98.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.8	U	94.8	310	380	ug/Kg
95-48-7	2-Methylphenol	92.1	U	92.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.3	U	99.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91.2	U	91.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46	U	46	91.4	91.4	ug/Kg
67-72-1	Hexachloroethane	94.8	U	94.8	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.7	U	96.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98	U	98	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.3	U	86.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.6	U	97.6	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.4	U	94.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.4	U	94.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.2	U	95.2	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6	SDG No.:	BM092324
Lab Sample ID:	P4135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04	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
BM047604.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.2	U	99.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.6	U	88.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.3	U	94.3	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.6	U	81.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.6	U	84.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.9	U	99.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.2	U	95.2	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.4	U	93.4	150	190	ug/Kg
208-96-8	Acenaphthylene	98.8	U	98.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.1	U	95.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.7	U	92.7	150	190	ug/Kg
Total PAH	Total PAH	1517.8	U	1517.8	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.4	U	96.4	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.5	U	98.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.6	U	193.6	150	380	ug/Kg
84-66-2	Diethylphthalate	91.5	U	91.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.8	U	97.8	150	190	ug/Kg
86-73-7	Fluorene	97.7	U	97.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	150	190	ug/Kg
103-33-3	Azobenzene	91	U	91	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.2	U	90.2	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97.1	U	97.1	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6	SDG No.:	BM092324
Lab Sample ID:	P4135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04	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
BM047604.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.3	U	88.3	310	380	ug/Kg
85-01-8	Phenanthrene	96	U	96	150	190	ug/Kg
120-12-7	Anthracene	96.4	U	96.4	150	190	ug/Kg
86-74-8	Carbazole	91.8	U	91.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.3	U	96.3	150	190	ug/Kg
206-44-0	Fluoranthene	93.4	U	93.4	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	94.8	U	94.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.2	U	92.2	150	190	ug/Kg
218-01-9	Chrysene	90.8	U	90.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.7	U	92.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.4	U	94.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.2	U	89.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.8	U	92.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.5	U	91.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.2	U	99.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.4	U	85.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	95.1	U	95.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.191		18-112		80	SPK: -150
13127-88-3	Phenol-d6	117.599		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	78.653		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	80.746		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	S1-6	SDG No.:	BM092324
Lab Sample ID:	P4135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.04	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
BM047604.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.509		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	91.934		10-105		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	310995	7.839				
1146-65-2	Naphthalene-d8	1184750	10.633				
15067-26-2	Acenaphthene-d10	598833	14.468				
1517-22-2	Phenanthrene-d10	1119861	17.203				
1719-03-5	Chrysene-d12	953381	21.427				
1520-96-3	Perylene-d12	1034355	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000540-80-7	t-Butyl nitrite	190	J			4.945	
000119-61-9	Benzophenone	190	J			15.821	
000057-10-3	n-Hexadecanoic acid	270	J			18.104	
000057-11-4	Octadecanoic acid	84.6	J			19.374	
074685-33-9	3-Eicosene, (E)-	120	J			21.109	

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	350	SDG No.:	BM092324
Lab Sample ID:	P4139-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047605.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	350	SDG No.:	BM092324
Lab Sample ID:	P4139-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047605.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	350	SDG No.:	BM092324
Lab Sample ID:	P4139-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047605.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.454		18-112		53	SPK: -150
13127-88-3	Phenol-d6	82.284		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	55.483		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	55.828		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	350	SDG No.:	BM092324
Lab Sample ID:	P4139-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047605.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.128		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	62.049		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298472	7.834				
1146-65-2	Naphthalene-d8	1177824	10.628				
15067-26-2	Acenaphthene-d10	659267	14.469				
1517-22-2	Phenanthrene-d10	1442326	17.204				
1719-03-5	Chrysene-d12	1233781	21.427				
1520-96-3	Perylene-d12	1274216	24.45				

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	371	SDG No.:	BM092324
Lab Sample ID:	P4139-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047606.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	371	SDG No.:	BM092324
Lab Sample ID:	P4139-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047606.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	371	SDG No.:	BM092324
Lab Sample ID:	P4139-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047606.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.642		18-112		56	SPK: -150
13127-88-3	Phenol-d6	84.85		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	57.881		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	59.406		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	371	SDG No.:	BM092324
Lab Sample ID:	P4139-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047606.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.112		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	67.79		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298364	7.834				
1146-65-2	Naphthalene-d8	1138621	10.633				
15067-26-2	Acenaphthene-d10	601031	14.468				
1517-22-2	Phenanthrene-d10	1171927	17.204				
1719-03-5	Chrysene-d12	993688	21.427				
1520-96-3	Perylene-d12	1073973	24.444				

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	LIBERTY-AVE-TP-COMP	SDG No.:	BM092324
Lab Sample ID:	P4138-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047607.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.2	U	94.2	290	360	ug/Kg
110-86-1	Pyridine	86.7	U	86.7	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	180	ug/Kg
108-95-2	Phenol	89.9	U	89.9	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.8	U	90.8	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.6	U	90.6	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.8	U	91.8	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.3	U	93.3	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.8	U	93.8	140	180	ug/Kg
100-51-6	Benzyl Alcohol	90	U	90	290	360	ug/Kg
95-48-7	2-Methylphenol	87.4	U	87.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.6	U	98.6	140	180	ug/Kg
98-86-2	Acetophenone	94.3	U	94.3	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.6	U	86.6	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.7	U	43.7	86.8	86.8	ug/Kg
67-72-1	Hexachloroethane	90	U	90	140	180	ug/Kg
98-95-3	Nitrobenzene	98.5	U	98.5	140	180	ug/Kg
78-59-1	Isophorone	91.8	U	91.8	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.1	U	93.1	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.9	U	81.9	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.6	U	92.6	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.6	U	89.6	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.6	U	89.6	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.4	U	90.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	LIBERTY-AVE-TP-COMP	SDG No.:	BM092324
Lab Sample ID:	P4138-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047607.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.2	U	94.2	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.1	U	84.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.5	U	89.5	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.5	U	77.5	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.3	U	80.3	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.8	U	94.8	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.4	U	90.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.6	U	88.6	140	180	ug/Kg
208-96-8	Acenaphthylene	93.8	U	93.8	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.3	U	90.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.8	U	96.8	140	180	ug/Kg
83-32-9	Acenaphthene	88	U	88	140	180	ug/Kg
Total PAH	Total PAH	2930	U	1436.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.6	U	91.6	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	183.8	U	183.8	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.5	U	93.5	140	180	ug/Kg
84-66-2	Diethylphthalate	86.9	U	86.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.9	U	92.9	140	180	ug/Kg
86-73-7	Fluorene	92.7	U	92.7	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.5	U	88.5	140	180	ug/Kg
103-33-3	Azobenzene	86.3	U	86.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.6	U	85.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92.2	U	92.2	140	180	ug/Kg
1912-24-9	Atrazine	99.1	U	99.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	LIBERTY-AVE-TP-COMP	SDG No.:	BM092324
Lab Sample ID:	P4138-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.06 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
BM047607.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.9	U	83.9	290	360	ug/Kg
85-01-8	Phenanthrene	280		91.1	140	180	ug/Kg
120-12-7	Anthracene	91.6	U	91.6	140	180	ug/Kg
86-74-8	Carbazole	87.1	U	87.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.4	U	91.4	140	180	ug/Kg
206-44-0	Fluoranthene	560		88.6	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	500		90	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	240		87.5	140	180	ug/Kg
218-01-9	Chrysene	280		86.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.7	U	98.7	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		88	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	89.6	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	260		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	84.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.1	U	88.1	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		86.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.2	U	94.2	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.3	U	90.3	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.674		18-112		58	SPK: -150
13127-88-3	Phenol-d6	88.235		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	55.179		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	57.158		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	LIBERTY-AVE-TP-COMP	SDG No.:	BM092324
Lab Sample ID:	P4138-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.06 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
BM047607.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.861		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	59.785		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	366562	7.834				
1146-65-2	Naphthalene-d8	1471488	10.628				
15067-26-2	Acenaphthene-d10	769765	14.468				
1517-22-2	Phenanthrene-d10	1424186	17.204				
1719-03-5	Chrysene-d12	1243588	21.427				
1520-96-3	Perylene-d12	1374013	24.45				

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	OR-02-09202024	SDG No.:	BM092324
Lab Sample ID:	P4142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
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
BM047608.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1000	ug/Kg
62-53-3	Aniline	310	U	310	410	540	ug/Kg
108-95-2	Phenol	260	U	260	410	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	410	540	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	410	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	410	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	540	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	860	1000	ug/Kg
95-48-7	2-Methylphenol	260	U	260	410	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	410	540	ug/Kg
98-86-2	Acetophenone	280	U	280	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	860	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	410	540	ug/Kg
78-59-1	Isophorone	270	U	270	410	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	410	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	540	ug/Kg
65-85-0	Benzoic acid	750	U	750	860	1000	ug/Kg
91-20-3	Naphthalene	260	U	260	410	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	540	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	OR-02-09202024	SDG No.:	BM092324
Lab Sample ID:	P4142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
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
BM047608.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	410	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	860	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	410	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	410	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	410	540	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	540	ug/Kg
208-96-8	Acenaphthylene	610		270	410	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	540	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	410	540	ug/Kg
Total PAH	Total PAH	15540		4210	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	770	U	770	860	1000	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1000	ug/Kg
132-64-9	Dibenzofuran	270	U	270	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	630	U	530	410	1080	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	540	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	540	ug/Kg
86-73-7	Fluorene	350	J	270	410	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	410	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	540	ug/Kg
103-33-3	Azobenzene	250	U	250	410	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	540	ug/Kg
1912-24-9	Atrazine	290	U	290	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	OR-02-09202024	SDG No.:	BM092324
Lab Sample ID:	P4142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
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
BM047608.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1000	ug/Kg
85-01-8	Phenanthrene	3100		270	410	540	ug/Kg
120-12-7	Anthracene	970		270	410	540	ug/Kg
86-74-8	Carbazole	340	J	250	410	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	410	540	ug/Kg
206-44-0	Fluoranthene	2600		260	410	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1000	ug/Kg
129-00-0	Pyrene	2600		260	410	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	410	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	860	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1100		260	410	540	ug/Kg
218-01-9	Chrysene	1100		250	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		260	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	J	260	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	930		300	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	J	250	410	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	410	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	530	J	250	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	410	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	410	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	410	540	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.655		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.6		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	45.485		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	47.355		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	OR-02-09202024	SDG No.:	BM092324
Lab Sample ID:	P4142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
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
BM047608.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.085		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	47.655		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	393375	7.839				
1146-65-2	Naphthalene-d8	1573874	10.633				
15067-26-2	Acenaphthene-d10	826891	14.468				
1517-22-2	Phenanthrene-d10	1505315	17.203				
1719-03-5	Chrysene-d12	1253488	21.427				
1520-96-3	Perylene-d12	1345250	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000093-03-8	Benzenemethanol, 3,4-dimethoxy-	220	J			14.868	
000119-61-9	Benzophenone	250	J			15.815	
000132-65-0	Dibenzothiophene	310	J			17.021	
031317-07-4	1-Methyldibenzothiophene	240	J			17.78	
002531-84-2	Phenanthrene, 2-methyl-	710	J			18.08	
000832-69-9	Phenanthrene, 1-methyl-	700	J			18.127	
000613-12-7	Anthracene, 2-methyl-	250	J			18.203	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			18.268	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	410	J			18.309	
000612-94-2	Naphthalene, 2-phenyl-	240	J			18.574	
000084-65-1	9,10-Anthracenedione	350	J			18.609	
002789-88-0	di-p-Tolylacetylene	210	J			18.874	
003674-66-6	Phenanthrene, 2,5-dimethyl-	510	J			18.992	
001576-67-6	Phenanthrene, 3,6-dimethyl-	250	J			19.05	
005737-13-3	Cyclopenta(def)phenanthrenone	360	J			19.127	
002381-21-7	Pyrene, 1-methyl-	270	J			19.945	
000238-84-6	11H-Benzo[a]fluorene	300	J			20.103	
000192-97-2	Benzo[c]pyrene	690	J			24.168	

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	CL-02-092024	SDG No.:	BM092324
Lab Sample ID:	P4146-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047609.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	810	990	ug/Kg
110-86-1	Pyridine	240	U	240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	290	U	290	390	510	ug/Kg
108-95-2	Phenol	250	U	250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	510	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	810	990	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	510	ug/Kg
98-95-3	Nitrobenzene	270	U	270	390	510	ug/Kg
78-59-1	Isophorone	250	U	250	390	510	ug/Kg
88-75-5	2-Nitrophenol	280	U	280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	250	U	250	390	510	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	CL-02-092024	SDG No.:	BM092324
Lab Sample ID:	P4146-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047609.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	18630	U	3970	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610	U	510	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	CL-02-092024	SDG No.:	BM092324
Lab Sample ID:	P4146-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047609.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	1700		250	390	510	ug/Kg
120-12-7	Anthracene	630		250	390	510	ug/Kg
86-74-8	Carbazole	240	U	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	3800		250	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	3100		250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	1800		240	390	510	ug/Kg
218-01-9	Chrysene	1500		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	1600		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	820		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	J	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	940		240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.225		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.205		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	55.76		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	56.92		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	CL-02-092024	SDG No.:	BM092324
Lab Sample ID:	P4146-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047609.D	5	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.185		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	55.125		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	438224	7.839				
1146-65-2	Naphthalene-d8	1741204	10.633				
15067-26-2	Acenaphthene-d10	917230	14.468				
1517-22-2	Phenanthrene-d10	1638767	17.204				
1719-03-5	Chrysene-d12	1393224	21.427				
1520-96-3	Perylene-d12	1522154	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
024324-17-2	Fluorene-9-methanol	200	J			15.509	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	290	J			18.08	
002531-84-2	Phenanthrene, 2-methyl-	320	J			18.127	
000203-64-5	4H-Cyclopenta[def]phenanthrene	490	J			18.274	
000198-55-0	Perylene	1200	J			24.174	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BS	SDG No.:	BM092324
Lab Sample ID:	PB163606BS	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
BM047610.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BS	SDG No.:	BM092324
Lab Sample ID:	PB163606BS	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
BM047610.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1500		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	28300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2200		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	740		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BS	SDG No.:	BM092324
Lab Sample ID:	PB163606BS	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
BM047610.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1800		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	1600		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1800		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	149.575		18-112		100	SPK: -150
13127-88-3	Phenol-d6	142.853		15-107		95	SPK: -150
4165-60-0	Nitrobenzene-d5	90.008		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	97.547		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BS	SDG No.:	BM092324
Lab Sample ID:	PB163606BS	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
BM047610.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.356		10-116		111	SPK: -150
1718-51-0	Terphenyl-d14	104.967		10-105		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390031	7.84				
1146-65-2	Naphthalene-d8	1570835	10.634				
15067-26-2	Acenaphthene-d10	794692	14.469				
1517-22-2	Phenanthrene-d10	1558440	17.21				
1719-03-5	Chrysene-d12	1371865	21.433				
1520-96-3	Perylene-d12	1308797	24.456				

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BL	SDG No.:	BM092324
Lab Sample ID:	PB163606BL	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
BM047611.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

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

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BL	SDG No.:	BM092324
Lab Sample ID:	PB163606BL	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
BM047611.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	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	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BL	SDG No.:	BM092324
Lab Sample ID:	PB163606BL	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
BM047611.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	148.376		18-112		99	SPK: -150
13127-88-3	Phenol-d6	140.006		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	91.589		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	101.279		20-109		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	PB163606BL	SDG No.:	BM092324
Lab Sample ID:	PB163606BL	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
BM047611.D	1	9/23/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.926		10-116		107	SPK: -150
1718-51-0	Terphenyl-d14	105.83	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	523989	7.839				
1146-65-2	Naphthalene-d8	2065973	10.633				
15067-26-2	Acenaphthene-d10	1006932	14.468				
1517-22-2	Phenanthrene-d10	1913801	17.204				
1719-03-5	Chrysene-d12	1633711	21.427				
1520-96-3	Perylene-d12	1740940	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	9100	A			4.357	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3800	A			4.957	
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	660	J			6.028	

Hit Summary Sheet SW-846

SDG No.: BM092324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RR-TRIAZINE-WP								
P3845-22	RR-TRIAZINE-WP	Water	1,3,5-Triazine-2,4-diamine, 6-chlc *	3.300	J			
P3845-22	RR-TRIAZINE-WP	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.900	A			
P3845-22	RR-TRIAZINE-WP	Water	Atraton *	4.700	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometon *	7.900	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometryn *	5.200	J			
P3845-22	RR-TRIAZINE-WP	Water	Simazine *	9.300	J			
P3845-22	RR-TRIAZINE-WP	Water	unknown15.827 *	6.000	J			
			Total Tics :			42.30		
P3845-22	RR-TRIAZINE-WP	Water	Atrazine	21.400		1.3	5	ug/L
			Total Svoc :			21.40		
			Total Concentration:			63.70		
Client ID : S1-6								
P4135-01	S1-6	Solid	3-Eicosene, (E)- *	120.000	J			
P4135-01	S1-6	Solid	Benzophenone *	190.000	J			
P4135-01	S1-6	Solid	n-Hexadecanoic acid *	270.000	J			
P4135-01	S1-6	Solid	Octadecanoic acid *	84.600	J			
P4135-01	S1-6	Solid	t-Butyl nitrite *	190.000	J			
			Total Tics :			854.60		
			Total Concentration:			854.60		
Client ID : LIBERTY-AVE-TP-COMP								
P4138-01	LIBERTY-AVE-TP-COM	Solid	Benzo(a)anthracene	240.000		87.5	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Benzo(a)pyrene	260.000		100	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Benzo(b)fluoranthene	350.000		88	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Benzo(g,h,i)perylene	200.000		86.9	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Benzo(k)fluoranthene	110.000	J	89.6	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Chrysene	280.000		86.2	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Fluoranthene	560.000		88.6	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	84.7	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Phenanthrene	280.000		91.1	180	ug/Kg
P4138-01	LIBERTY-AVE-TP-COM	Solid	Pyrene	500.000		90	180	ug/Kg
			Total Svoc :			2,930.00		
			Total Concentration:			2,930.00		
Client ID : OR-02-09202024								
P4142-01	OR-02-09202024	Solid	1-Methyldibenzothiophene *	240.000	J			
P4142-01	OR-02-09202024	Solid	11H-Benzo[a]fluorene *	300.000	J			
P4142-01	OR-02-09202024	Solid	1H-Cyclopropa[l]phenanthrene,1a *	410.000	J			

Hit Summary Sheet
SW-846

SDG No.: BM092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4142-01	OR-02-09202024	Solid	4H-Cyclopenta[def]phenanthrene	*	1,000.000	J		
P4142-01	OR-02-09202024	Solid	9,10-Anthracenedione	*	350.000	J		
P4142-01	OR-02-09202024	Solid	Anthracene, 2-methyl-	*	250.000	J		
P4142-01	OR-02-09202024	Solid	Benzenemethanol, 3,4-dimethoxy-	*	220.000	J		
P4142-01	OR-02-09202024	Solid	Benzo[e]pyrene	*	690.000	J		
P4142-01	OR-02-09202024	Solid	Benzophenone	*	250.000	J		
P4142-01	OR-02-09202024	Solid	Cyclopenta(def)phenanthrenone	*	360.000	J		
P4142-01	OR-02-09202024	Solid	di-p-Tolylacetylene	*	210.000	J		
P4142-01	OR-02-09202024	Solid	Dibenzothiophene	*	310.000	J		
P4142-01	OR-02-09202024	Solid	Naphthalene, 2-phenyl-	*	240.000	J		
P4142-01	OR-02-09202024	Solid	Phenanthrene, 1-methyl-	*	700.000	J		
P4142-01	OR-02-09202024	Solid	Phenanthrene, 2,5-dimethyl-	*	510.000	J		
P4142-01	OR-02-09202024	Solid	Phenanthrene, 2-methyl-	*	710.000	J		
P4142-01	OR-02-09202024	Solid	Phenanthrene, 3,6-dimethyl-	*	250.000	J		
P4142-01	OR-02-09202024	Solid	Pyrene, 1-methyl-	*	270.000	J		
Total Tics :					7,270.00			
P4142-01	OR-02-09202024	Solid	Acenaphthylene		610.000	270	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Anthracene		970.000	270	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Benzo(a)anthracene		1,100.000	260	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Benzo(a)pyrene		930.000	300	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Benzo(b)fluoranthene		930.000	260	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Benzo(g,h,i)perylene		530.000	J 250	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Benzo(k)fluoranthene		310.000	J 260	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Carbazole		340.000	J 250	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Chrysene		1,100.000	250	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Fluoranthene		2,600.000	260	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Fluorene		350.000	J 270	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Indeno(1,2,3-cd)pyrene		410.000	J 250	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Phenanthrene		3,100.000	270	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Pyrene		2,600.000	260	540	ug/Kg
P4142-01	OR-02-09202024	Solid	Total PAH		15,540.000	4210	8640	ug/Kg
Total Svoc :					31,420.00			
Total Concentration:					38,690.00			
Client ID : CL-02-092024								
P4146-01	CL-02-092024	Solid	4H-Cyclopenta[def]phenanthrene	*	490.000	J		
P4146-01	CL-02-092024	Solid	5H-Dibenzo[a,d]cycloheptene	*	290.000	J		
P4146-01	CL-02-092024	Solid	Fluorene-9-methanol	*	200.000	J		
P4146-01	CL-02-092024	Solid	Perylene	*	1,200.000	J		
P4146-01	CL-02-092024	Solid	Phenanthrene, 2-methyl-	*	320.000	J		
Total Tics :					2,500.00			

Hit Summary Sheet SW-846

SDG No.: BM092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4146-01	CL-02-092024	Solid	Anthracene	630.000		250	510	ug/Kg
P4146-01	CL-02-092024	Solid	Benzo(a)anthracene	1,800.000		240	510	ug/Kg
P4146-01	CL-02-092024	Solid	Benzo(a)pyrene	1,600.000		280	510	ug/Kg
P4146-01	CL-02-092024	Solid	Benzo(b)fluoranthene	1,800.000		240	510	ug/Kg
P4146-01	CL-02-092024	Solid	Benzo(g,h,i)perylene	940.000		240	510	ug/Kg
P4146-01	CL-02-092024	Solid	Benzo(k)fluoranthene	670.000		250	510	ug/Kg
P4146-01	CL-02-092024	Solid	Chrysene	1,500.000		240	510	ug/Kg
P4146-01	CL-02-092024	Solid	Dibenzo(a,h)anthracene	270.000	J	240	510	ug/Kg
P4146-01	CL-02-092024	Solid	Fluoranthene	3,800.000		250	510	ug/Kg
P4146-01	CL-02-092024	Solid	Indeno(1,2,3-cd)pyrene	820.000		230	510	ug/Kg
P4146-01	CL-02-092024	Solid	Phenanthrene	1,700.000		250	510	ug/Kg
P4146-01	CL-02-092024	Solid	Pyrene	3,100.000		250	510	ug/Kg
Total Svoc :						18,630.00		
Total Concentration:						21,130.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BM092024

SAS No.: BM092024

SDG No.: BM092024

Instrument ID:

Calibration Date(s): 9/20/2024

Calibration Time(s): 09:40

LAB FILE ID:		RRF2.5 = BM047581.D			RRF005 = BM047582.D		RRF010 = BM047583.D	
		RRF020 = BM047584.D			RRF040 = BM047585.D		RRF050 = BM047586.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.636	0.647	0.657	0.640	0.664	0.653	2.2
Pyridine		1.609	1.600	1.571	1.555	1.565	1.575	1.7
2-Fluorophenol		1.302	1.285	1.295	1.279	1.304	1.305	1.7
Benzaldehyde		1.000	1.050	0.998	0.828	0.814	0.878	15.9
Aniline		1.508	1.481	1.470	1.481	1.474	1.473	2.1
Phenol-d6		1.663	1.654	1.703	1.699	1.747	1.720	3.2
Phenol		1.679	1.658	1.683	1.694	1.728	1.708	2.4
bis(2-Chloroethyl)ether		1.423	1.376	1.397	1.324	1.350	1.372	2.4
2-Chlorophenol		1.373	1.349	1.384	1.331	1.360	1.366	1.6
1,2-Dichlorobenzene		1.527	1.495	1.475	1.435	1.455	1.474	2.1
1,3-Dichlorobenzene		1.599	1.523	1.523	1.456	1.486	1.511	3.0
1,4-Dichlorobenzene		1.585	1.543	1.539	1.486	1.505	1.529	2.1
Benzyl Alcohol		1.046	1.051	1.107	1.096	1.139	1.110	4.5
2-Methylphenol		1.057	1.042	1.068	1.075	1.093	1.073	2.1
2,2-oxybis(1-Chloropropane)		1.822	1.784	1.805	1.695	1.725	1.749	3.2
Acetophenone		0.529	0.507	0.514	0.513	0.520	0.521	2.0
3+4-Methylphenols		1.413	1.414	1.459	1.457	1.498	1.462	2.8
n-Nitroso-di-n-propylamine	0.953	1.019	1.021	1.070	1.058	1.101	1.053	5.1
Nitrobenzene-d5		0.379	0.382	0.399	0.404	0.409	0.402	4.1
Hexachloroethane		0.653	0.619	0.623	0.605	0.616	0.620	2.5
Nitrobenzene		0.404	0.408	0.419	0.412	0.417	0.415	1.9
Isophorone		0.649	0.638	0.667	0.668	0.682	0.671	3.5
2-Nitrophenol		0.129	0.126	0.141	0.147	0.153	0.146	10.4
2,4-Dimethylphenol		0.210	0.198	0.205	0.207	0.206	0.208	2.9
bis(2-Chloroethoxy)methane		0.435	0.421	0.439	0.423	0.430	0.432	1.8
2,4-Dichlorophenol		0.245	0.247	0.261	0.263	0.269	0.263	5.0
1,2,4-Trichlorobenzene		0.311	0.288	0.300	0.290	0.296	0.300	2.9
Benzoic acid		0.145	0.165	0.174	0.204	0.212	0.194	17.0
Naphthalene		1.076	1.037	1.048	1.033	1.046	1.058	2.1
4-Chloroaniline		0.363	0.357	0.370	0.378	0.380	0.373	3.0
Hexachlorobutadiene		0.172	0.155	0.164	0.158	0.160	0.163	3.6
Caprolactam		0.076	0.079	0.087	0.095	0.099	0.091	11.1
4-Chloro-3-methylphenol		0.271	0.276	0.292	0.305	0.315	0.300	6.9
2-Methylnaphthalene		0.656	0.632	0.653	0.649	0.671	0.665	3.7
Hexachlorocyclopentadiene		0.176	0.164	0.174	0.167	0.170	0.174	4.7
2,4,6-Trichlorophenol		0.319	0.313	0.337	0.340	0.352	0.343	6.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092024 SAS No.: BM092024 SDG No.: BM092024
Instrument ID: _____ Calibration Date(s): 9/20/2024 : _____
Calibration Time(s): 09:40 _____

LAB FILE ID:		RRF2.5 = BM047581.D		RRF005 = BM047582.D		RRF010 = BM047583.D		
		RRF020 = BM047584.D		RRF040 = BM047585.D		RRF050 = BM047586.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.390	1.325	1.382	1.363	1.419	1.413	5.0
2,4,5-Trichlorophenol		0.352	0.359	0.378	0.381	0.400	0.386	6.4
1,1-Biphenyl		1.563	1.491	1.525	1.498	1.532	1.545	2.9
2-Chloronaphthalene		1.226	1.173	1.199	1.166	1.195	1.209	2.9
2-Nitroaniline		0.285	0.299	0.347	0.377	0.392	0.361	14.5
Dimethylphthalate		1.366	1.335	1.364	1.371	1.384	1.381	2.5
Acenaphthylene		1.655	1.652	1.720	1.711	1.764	1.739	4.4
2,6-Dinitrotoluene		0.237	0.256	0.285	0.297	0.310	0.289	11.1
3-Nitroaniline		0.257	0.288	0.323	0.349	0.363	0.332	13.5
Acenaphthene		1.134	1.086	1.109	1.113	1.170	1.149	4.5
2,4-Dinitrophenol			0.094	0.108	0.131	0.142	0.131	19.3
4-Nitrophenol		0.199	0.246	0.279	0.307	0.313	0.284	16.5
Dibenzofuran		1.665	1.630	1.648	1.640	1.684	1.679	2.8
2,4-Dinitrotoluene		0.288	0.328	0.376	0.406	0.424	0.386	15.2
Diethylphthalate		1.380	1.391	1.457	1.474	1.518	1.472	4.6
4-Chlorophenyl-phenylether		0.601	0.588	0.628	0.640	0.670	0.649	7.5
Fluorene		1.339	1.361	1.423	1.487	1.550	1.486	7.9
4-Nitroaniline		0.252	0.303	0.354	0.405	0.426	0.374	19.7
4,6-Dinitro-2-methylphenol			0.068	0.085	0.094	0.101	0.095	17.6
n-Nitrosodiphenylamine		0.576	0.562	0.591	0.583	0.604	0.597	4.6
Azobenzene		1.437	1.499	1.612	1.630	1.673	1.609	6.6
2,4,6-Tribromophenol		0.158	0.162	0.176	0.187	0.194	0.185	11.3
4-Bromophenyl-phenylether		0.181	0.168	0.178	0.173	0.182	0.182	5.8
Hexachlorobenzene		0.215	0.203	0.208	0.202	0.211	0.212	4.3
Atrazine		0.157	0.155	0.156	0.162	0.130	0.144	12.5
Pentachlorophenol		0.109	0.117	0.129	0.137	0.141	0.133	12.0
Phenanthrene		1.058	1.016	1.056	1.060	1.095	1.086	5.0
Anthracene		0.950	0.952	0.998	1.013	1.050	1.029	6.9
Carbazole		0.984	1.002	1.040	1.072	1.096	1.072	6.3
Di-n-butylphthalate		1.135	1.146	1.274	1.294	1.354	1.296	9.5
Fluoranthene		1.057	1.075	1.129	1.188	1.238	1.195	9.8
Benzidine		0.329	0.431	0.236	0.381	0.202	0.272	41.8
Pyrene		1.361	1.281	1.351	1.373	1.439	1.400	5.8
Terphenyl-d14		1.016	0.961	1.070	1.128	1.211	1.115	9.3
Butylbenzylphthalate		0.528	0.525	0.595	0.610	0.648	0.609	10.7
3,3-Dichlorobenzidine		0.367	0.386	0.402	0.422	0.422	0.408	6.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092024 SAS No.: BM092024 SDG No.: BM092024
Instrument ID: _____ Calibration Date(s): 9/20/2024 : _____
Calibration Time(s): 09:40 : _____

LAB FILE ID:		RRF2.5 = BM047581.D			RRF005 = BM047582.D		RRF010 = BM047583.D	
		RRF020 = BM047584.D			RRF040 = BM047585.D		RRF050 = BM047586.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.277	1.255	1.288	1.290	1.339	1.315	3.8
Chrysene		1.221	1.194	1.214	1.227	1.272	1.251	3.9
Bis(2-ethylhexyl)phthalate		0.836	0.845	0.951	0.973	1.045	0.975	10.8
Di-n-octyl phthalate		1.277	1.309	1.463	1.498	1.589	1.504	11.3
Benzo(b)fluoranthene		1.138	1.111	1.234	1.249	1.314	1.257	8.5
Benzo(k)fluoranthene		1.123	1.110	1.172	1.228	1.262	1.234	8.7
Benzo(a)pyrene		0.973	0.954	1.035	1.059	1.095	1.066	8.2
Indeno(1,2,3-cd)pyrene		1.276	1.284	1.327	1.367	1.402	1.375	6.3
Dibenzo(a,h)anthracene		1.064	1.057	1.110	1.140	1.171	1.149	6.9
Benzo(g,h,i)perylene		1.098	1.087	1.124	1.139	1.164	1.151	4.8
1,2,4,5-Tetrachlorobenzene		0.540	0.510	0.519	0.502	0.517	0.528	4.1
1,4-Dioxane		0.605	0.606	0.566	0.552	0.552	0.568	4.6
2,3,4,6-Tetrachlorophenol		0.270	0.271	0.291	0.296	0.304	0.295	6.4
1-Methylnaphthalene		0.649	0.628	0.647	0.648	0.665	0.659	3.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092324 SAS No.: BM092324 SDG NO.: BM092324

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BM047585.D Time Analyzed: 10:24

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	259939	7.845	1.03121e+01	10.64	561754	14.47
UPPER LIMIT	519878	8.345	2062420	11.139	1123508	14.974
LOWER LIMIT	129969.5	7.345	515605	10.139	280877	13.974
EPA SAMPLE NO.						
01 PB163525BL	362092	7.84	1.39556e	10.64	664243	14.47
02 PB163344BL	304832	7.85	1.16152e	10.63	523773	14.47
03 RR-TRIAZINE-WP	260539	7.84	961904	10.63	453032	14.47
04 S1-6MS	322545	7.84	1.27214e	10.63	626942	14.47
05 S1-6MSD	355159	7.83	1.41843e	10.63	728566	14.47
06 S1-6	310995	7.84	1.18475e	10.63	598833	14.47
07 350	298472	7.83	1.17782e	10.63	659267	14.47
08 371	298364	7.83	1.13862e	10.63	601031	14.47
09 LIBERTY-AVE-TP-COMP	366562	7.83	1.47149e	10.63	769765	14.47
10 OR-02-09202024	393375	7.84	1.57387e	10.63	826891	14.47
11 CL-02-092024	438224	7.84	1.7412e+	10.63	917230	14.47
12 PB163606BS	390031	7.84	1.57084e	10.63	794692	14.47
13 PB163606BL	523989 *	7.84	2.06597e *	10.63	1.00693e	14.47

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.: BM092324 SAS No.: BM092324 SDG NO.: BM092324

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BM047598.D Time Analyzed: 10:24

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	308343	7.845	1.21707e+01	10.64	646829	14.47
UPPER LIMIT	616686	8.345	2434140	11.139	1293658	14.974
LOWER LIMIT	154171.5	7.345	608535	10.139	323414.5	13.974
EPA SAMPLE NO.						
01 PB163525BL	362092	7.84	1.39556e	10.64	664243	14.47
02 PB163344BL	304832	7.85	1.16152e	10.63	523773	14.47
03 RR-TRIAZINE-WP	260539	7.84	961904	10.63	453032	14.47
04 S1-6MS	322545	7.84	1.27214e	10.63	626942	14.47
05 S1-6MSD	355159	7.83	1.41843e	10.63	728566	14.47
06 S1-6	310995	7.84	1.18475e	10.63	598833	14.47
07 350	298472	7.83	1.17782e	10.63	659267	14.47
08 371	298364	7.83	1.13862e	10.63	601031	14.47
09 LIBERTY-AVE-TP-COMP	366562	7.83	1.47149e	10.63	769765	14.47
10 OR-02-09202024	393375	7.84	1.57387e	10.63	826891	14.47
11 CL-02-092024	438224	7.84	1.7412e+	10.63	917230	14.47
12 PB163606BS	390031	7.84	1.57084e	10.63	794692	14.47
13 PB163606BL	523989	7.84	2.06597e	10.63	1.00693e	14.47

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.: BM092324 SAS No.: BM092324 SDG NO.: BM092324

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BM047585.D Time Analyzed: 10:24

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08047e+01	17.209	1.00117e+01	21.439	1.00662e+01	24.462
UPPER LIMIT	2160940	17.709	2002340	21.939	2013240	24.962
LOWER LIMIT	540235	16.709	500585	20.939	503310	23.962
EPA SAMPLE NO.						
01 PB163525BL	1.14177	17.20	723811	21.43	696704	24.46
02 PB163344BL	914542	17.20	616013	21.43	584879	24.45
03 RR-TRIAZINE-WP	806425	17.20	573772	21.43	644450	24.45
04 S1-6MS	1.10556	17.20	894442	21.43	921122	24.46
05 S1-6MSD	1.26309	17.20	1.00611e+01	21.43	911194	24.45
06 S1-6	1.11986	17.20	953381	21.43	1.03436e+01	24.45
07 350	1.44233	17.20	1.23378e+01	21.43	1.27422e+01	24.45
08 371	1.17193	17.20	993688	21.43	1.07397e+01	24.44
09 LIBERTY-AVE-TP-COMP	1.42419	17.20	1.24359e+01	21.43	1.37401e+01	24.45
10 OR-02-09202024	1.50532	17.20	1.25349e+01	21.43	1.34525e+01	24.45
11 CL-02-092024	1.63877	17.20	1.39322e+01	21.43	1.52215e+01	24.46
12 PB163606BS	1.55844	17.21	1.37187e+01	21.43	1.3088e+01	24.46
13 PB163606BL	1.9138e	17.20	1.63371e+01	21.43	1.74094e+01	24.45

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092324 SAS No.: BM092324 SDG NO.: BM092324

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BM047598.D Time Analyzed: 10:24

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.21025e+01	17.209	1.08693e+	21.433	1.09978e+01	24.456
UPPER LIMIT	2420500	17.709	2173860	21.933	2199560	24.956
LOWER LIMIT	605125	16.709	543465	20.933	549890	23.956
EPA SAMPLE NO.						
01 PB163525BL	1.14177	17.20	723811	21.43	696704	24.46
02 PB163344BL	914542	17.20	616013	21.43	584879	24.45
03 RR-TRIAZINE-WP	806425	17.20	573772	21.43	644450	24.45
04 S1-6MS	1.10556	17.20	894442	21.43	921122	24.46
05 S1-6MSD	1.26309	17.20	1.00611e+	21.43	911194	24.45
06 S1-6	1.11986	17.20	953381	21.43	1.03436e+	24.45
07 350	1.44233	17.20	1.23378e+	21.43	1.27422e+	24.45
08 371	1.17193	17.20	993688	21.43	1.07397e+	24.44
09 LIBERTY-AVE-TP-COMP	1.42419	17.20	1.24359e+	21.43	1.37401e+	24.45
10 OR-02-09202024	1.50532	17.20	1.25349e+	21.43	1.34525e+	24.45
11 CL-02-092024	1.63877	17.20	1.39322e+	21.43	1.52215e+	24.46
12 PB163606BS	1.55844	17.21	1.37187e+	21.43	1.3088e+0	24.46
13 PB163606BL	1.9138e	17.20	1.63371e+	21.43	1.74094e+	24.45

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM092324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163606BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700		ug/Kg	0		*		10	133	
	Aniline	1700	1100	ug/Kg	65				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	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1700	ug/Kg	100				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	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	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	2200	ug/Kg	129				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1500	ug/Kg	88				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	28300	ug/Kg	104				57	104	
	2,4-Dinitrophenol	3300	2200	ug/Kg	67				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM092324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163606BS	4-Nitrophenol	3300	3800	ug/Kg	115				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3400	ug/Kg	100				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	970	ug/Kg	57		*		76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	740	ug/Kg	44		*		47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	1600	ug/Kg	48				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	2100	ug/Kg	124		*		42	91	
	Benzo(a)anthracene	1700	1800	ug/Kg	106		*		60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	2000	ug/Kg	118				52	137	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1900	ug/Kg	112		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RR-TRIAZINE-WP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092324

SAS No.: BM092324 SDG NO.: BM092324

Lab File ID: BM047601.D

Lab Sample ID: P3845-22

Instrument ID: BNA_M

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 11:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RR-TRIAZINE-WP	P3845-22	BM047601.D	09/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163344BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092324

SAS No.: BM092324 SDG NO.: BM092324

Lab File ID: BM047600.D

Lab Sample ID: PB163344BL

Instrument ID: BNA_M

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 11:04

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163525BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092324

SAS No.: BM092324 SDG NO.: BM092324

Lab File ID: BM047599.D

Lab Sample ID: PB163525BL

Instrument ID: BNA_M

Date Extracted: 09/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 10:24

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163606BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092324

SAS No.: BM092324 SDG NO.: BM092324

Lab File ID: BM047611.D

Lab Sample ID: PB163606BL

Instrument ID: BNA_M

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S1-6MS	P4135-01MS	BM047602.D	09/23/2024
S1-6MSD	P4135-01MSD	BM047603.D	09/23/2024
S1-6	P4135-01	BM047604.D	09/23/2024
350	P4139-01	BM047605.D	09/23/2024
371	P4139-02	BM047606.D	09/23/2024
LIBERTY-AVE-TP-COMP	P4138-01	BM047607.D	09/23/2024
OR-02-09202024	P4142-01	BM047608.D	09/23/2024
CL-02-092024	P4146-01	BM047609.D	09/23/2024
PB163606BS	PB163606BS	BM047610.D	09/23/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4135-01MS		Client Sample ID: S1-6MS		DataFile: BM047602.D							
n-Nitrosodimethylamine	1900		1800	ug/Kg	95				66	124	
Pyridine	1900		1600	ug/Kg	84				45	119	
Benzaldehyde	1900		440	ug/Kg	23				10	86	
Aniline	1900		1800	ug/Kg	95	*			10	88	
Phenol	1900		1900	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1900		1800	ug/Kg	95				54	125	
2-Chlorophenol	1900		1800	ug/Kg	95				79	107	
1,2-Dichlorobenzene	1900		1800	ug/Kg	95				61	105	
1,3-Dichlorobenzene	1900		1800	ug/Kg	95				62	101	
1,4-Dichlorobenzene	1900		1800	ug/Kg	95				63	104	
Benzyl Alcohol	1900		1900	ug/Kg	100				47	126	
2-Methylphenol	1900		1900	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1900		1900	ug/Kg	100				65	110	
Acetophenone	1900		1800	ug/Kg	95				75	111	
3+4-Methylphenols	1900		1800	ug/Kg	95				66	104	
N-Nitroso-di-n-propylamine	1900		1900	ug/Kg	100				59	119	
Hexachloroethane	1900		1800	ug/Kg	95				65	117	
Nitrobenzene	1900		1700	ug/Kg	89				70	119	
Isophorone	1900		1800	ug/Kg	95				76	122	
2-Nitrophenol	1900		1900	ug/Kg	100				54	145	
2,4-Dimethylphenol	1900		2300	ug/Kg	121				44	135	
bis(2-Chloroethoxy)methane	1900		1800	ug/Kg	95				68	112	
2,4-Dichlorophenol	1900		1900	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1900		1700	ug/Kg	89				57	103	
Benzoic acid	1900		1700	ug/Kg	89				50	104	
Naphthalene	1900		1800	ug/Kg	95				72	110	
4-Chloroaniline	1900		760	ug/Kg	40				10	91	
Hexachlorobutadiene	1900		1800	ug/Kg	95				66	114	
Caprolactam	1900		1600	ug/Kg	84				51	134	
4-Chloro-3-methylphenol	1900		1800	ug/Kg	95				57	132	
2-Methylnaphthalene	1900		1900	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3800		7600	ug/Kg	200	*			10	175	
2,4,6-Trichlorophenol	1900		2000	ug/Kg	105				72	117	
2,4,5-Trichlorophenol	1900		1900	ug/Kg	100				72	117	
1,1-Biphenyl	1900		2000	ug/Kg	105				75	113	
2-Chloronaphthalene	1900		1900	ug/Kg	100				67	118	
2-Nitroaniline	1900		1900	ug/Kg	100				69	127	
Dimethylphthalate	1900		1800	ug/Kg	95				70	113	
Acenaphthylene	1900		2100	ug/Kg	111				79	118	
2,6-Dinitrotoluene	1900		1800	ug/Kg	95				70	125	
3-Nitroaniline	1900		1100	ug/Kg	58				30	99	
Acenaphthene	1900		2000	ug/Kg	105				70	121	
Total PAH	30400		31200	ug/Kg	103				70	121	
2,4-Dinitrophenol	3800		4300	ug/Kg	113				10	155	
4-Nitrophenol	3800		3900	ug/Kg	103				45	133	
Dibenzofuran	1900		1900	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		1800	ug/Kg	95				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		3600	ug/Kg	95				55	128	
Diethylphthalate	1900		1800	ug/Kg	95				70	112	
4-Chlorophenyl-phenylether	1900		1900	ug/Kg	100				71	108	
Fluorene	1900		1900	ug/Kg	100				68	116	
4-Nitroaniline	1900		1800	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	1900		1900	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1900		2000	ug/Kg	105				73	118	
Azobenzene	1900		2000	ug/Kg	105				73	110	
4-Bromophenyl-phenylether	1900		1900	ug/Kg	100				65	121	
Hexachlorobenzene	1900		1800	ug/Kg	95				67	118	
Atrazine	1900		2400	ug/Kg	126				79	127	
Pentachlorophenol	3800		4000	ug/Kg	105				47	128	
Phenanthrene	1900		1900	ug/Kg	100				52	128	
Anthracene	1900		2100	ug/Kg	111				62	124	
Carbazole	1900		1800	ug/Kg	95				59	119	
Di-n-butylphthalate	1900		2000	ug/Kg	105				69	118	
Fluoranthene	1900		1800	ug/Kg	95				44	125	
Benzidine	3800		4800	ug/Kg	126	*			10	119	
Pyrene	1900		2000	ug/Kg	105				26	142	
Butylbenzylphthalate	1900		2100	ug/Kg	111				64	126	
3,3-Dichlorobenzidine	1900		1600	ug/Kg	84				33	116	
Benzo(a)anthracene	1900		1900	ug/Kg	100				71	114	
Chrysene	1900		1900	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1900		2000	ug/Kg	105				42	169	
Di-n-octyl phthalate	1900		2000	ug/Kg	105				23	175	
Benzo(b)fluoranthene	1900		1800	ug/Kg	95				67	121	
Benzo(k)fluoranthene	1900		1900	ug/Kg	100				57	134	
Benzo(a)pyrene	1900		2000	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	1900		2100	ug/Kg	111				40	129	
Dibenz(a,h)anthracene	1900		2100	ug/Kg	111				43	123	
Benzo(g,h,i)perylene	1900		1900	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1900		2100	ug/Kg	111				69	124	
1,4-Dioxane	1900		1700	ug/Kg	89				46	112	
2,3,4,6-Tetrachlorophenol	1900		1900	ug/Kg	100				69	112	
1-Methylnaphthalene	1900		1800	ug/Kg	95				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4135-01MSD		Client Sample ID: S1-6MSD		DataFile: BM047603.D							
n-Nitrosodimethylamine	1900		2000	ug/Kg	105		10		66	124	20
Pyridine	1900		1700	ug/Kg	89		6		45	119	20
Benzaldehyde	1900		490	ug/Kg	26		12		10	86	20
Aniline	1900		2100	ug/Kg	111	*	16		10	88	20
Phenol	1900		2200	ug/Kg	116		15		67	126	20
bis(2-Chloroethyl)ether	1900		2000	ug/Kg	105		10		54	125	20
2-Chlorophenol	1900		2100	ug/Kg	111	*	16		79	107	20
1,2-Dichlorobenzene	1900		1900	ug/Kg	100		5		61	105	20
1,3-Dichlorobenzene	1900		1900	ug/Kg	100		5		62	101	20
1,4-Dichlorobenzene	1900		1900	ug/Kg	100		5		63	104	20
Benzyl Alcohol	1900		2200	ug/Kg	116		15		47	126	20
2-Methylphenol	1900		2100	ug/Kg	111		10		66	122	20
2,2-oxybis(1-Chloropropane)	1900		2100	ug/Kg	111	*	10		65	110	20
Acetophenone	1900		2000	ug/Kg	105		10		75	111	20
3+4-Methylphenols	1900		2100	ug/Kg	111	*	16		66	104	20
N-Nitroso-di-n-propylamine	1900		2100	ug/Kg	111		10		59	119	20
Hexachloroethane	1900		1900	ug/Kg	100		5		65	117	20
Nitrobenzene	1900		1900	ug/Kg	100		12		70	119	20
Isophorone	1900		2100	ug/Kg	111		16		76	122	20
2-Nitrophenol	1900		2200	ug/Kg	116		15		54	145	20
2,4-Dimethylphenol	1900		2600	ug/Kg	137	*	12		44	135	20
bis(2-Chloroethoxy)methane	1900		2000	ug/Kg	105		10		68	112	20
2,4-Dichlorophenol	1900		2100	ug/Kg	111		10		72	118	20
1,2,4-Trichlorobenzene	1900		1900	ug/Kg	100		12		57	103	20
Benzoic acid	1900		2000	ug/Kg	105	*	16		50	104	20
Naphthalene	1900		2000	ug/Kg	105		10		72	110	20
4-Chloroaniline	1900		960	ug/Kg	51		24	*	10	91	20
Hexachlorobutadiene	1900		1900	ug/Kg	100		5		66	114	20
Caprolactam	1900		1900	ug/Kg	100		17		51	134	20
4-Chloro-3-methylphenol	1900		2100	ug/Kg	111		16		57	132	20
2-Methylnaphthalene	1900		2100	ug/Kg	111		10		59	123	20
Hexachlorocyclopentadiene	3800		7500	ug/Kg	197	*	2		10	175	20
2,4,6-Trichlorophenol	1900		2200	ug/Kg	116		10		72	117	20
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111		10		72	117	20
1,1-Biphenyl	1900		2100	ug/Kg	111		6		75	113	20
2-Chloronaphthalene	1900		2000	ug/Kg	105		5		67	118	20
2-Nitroaniline	1900		2200	ug/Kg	116		15		69	127	20
Dimethylphthalate	1900		2000	ug/Kg	105		10		70	113	20
Acenaphthylene	1900		2200	ug/Kg	116		4		79	118	20
2,6-Dinitrotoluene	1900		2000	ug/Kg	105		10		70	125	20
3-Nitroaniline	1900		1200	ug/Kg	63		8		30	99	20
Acenaphthene	1900		2100	ug/Kg	111		6		70	121	20
Total PAH	30400		34100	ug/Kg	112		8		70	121	20
2,4-Dinitrophenol	3800		4900	ug/Kg	129		13		10	155	20
4-Nitrophenol	3800		4400	ug/Kg	116		12		45	133	20
Dibenzofuran	1900		2000	ug/Kg	105		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		2000	ug/Kg	105		10		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		4000	ug/Kg	105		10		55	128	20
Diethylphthalate	1900		2000	ug/Kg	105		10		70	112	20
4-Chlorophenyl-phenylether	1900		2100	ug/Kg	111	*	10		71	108	20
Fluorene	1900		2100	ug/Kg	111		10		68	116	20
4-Nitroaniline	1900		2000	ug/Kg	105		10		55	120	20
4,6-Dinitro-2-methylphenol	1900		2200	ug/Kg	116		15		10	160	20
N-Nitrosodiphenylamine	1900		2200	ug/Kg	116		10		73	118	20
Azobenzene	1900		2200	ug/Kg	116	*	10		73	110	20
4-Bromophenyl-phenylether	1900		2200	ug/Kg	116		15		65	121	20
Hexachlorobenzene	1900		2000	ug/Kg	105		10		67	118	20
Atrazine	1900		2700	ug/Kg	142	*	12		79	127	20
Pentachlorophenol	3800		4600	ug/Kg	121		14		47	128	20
Phenanthrene	1900		2100	ug/Kg	111		10		52	128	20
Anthracene	1900		2300	ug/Kg	121		9		62	124	20
Carbazole	1900		2000	ug/Kg	105		10		59	119	20
Di-n-butylphthalate	1900		2100	ug/Kg	111		6		69	118	20
Fluoranthene	1900		2000	ug/Kg	105		10		44	125	20
Benzydine	3800		5200	ug/Kg	137	*	8		10	119	20
Pyrene	1900		2300	ug/Kg	121		14		26	142	20
Butylbenzylphthalate	1900		2300	ug/Kg	121		9		64	126	20
3,3-Dichlorobenzidine	1900		1600	ug/Kg	84		0		33	116	20
Benzo(a)anthracene	1900		2100	ug/Kg	111		10		71	114	20
Chrysene	1900		2100	ug/Kg	111		10		57	121	20
bis(2-Ethylhexyl)phthalate	1900		2200	ug/Kg	116		10		42	169	20
Di-n-octyl phthalate	1900		2100	ug/Kg	111		6		23	175	20
Benzo(b)fluoranthene	1900		2100	ug/Kg	111		16		67	121	20
Benzo(k)fluoranthene	1900		2200	ug/Kg	116		15		57	134	20
Benzo(a)pyrene	1900		2300	ug/Kg	121		14		70	142	20
Indeno(1,2,3-cd)pyrene	1900		2200	ug/Kg	116		4		40	129	20
Dibenz(a,h)anthracene	1900		2100	ug/Kg	111		0		43	123	20
Benzo(g,h,i)perylene	1900		1900	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1900		2200	ug/Kg	116		4		69	124	20
1,4-Dioxane	1900		1700	ug/Kg	89		0		46	112	20
2,3,4,6-Tetrachlorophenol	1900		2100	ug/Kg	111		10		69	112	20
1-Methylnaphthalene	1900		1900	ug/Kg	100		5		70	130	20

Surrogate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3845-22	RR-TRIAZINE-WPBM047601.D		2-Fluorophenol	150	157.29	105		10	139
			Phenol-d6	150	152.89	102		10	134
			Nitrobenzene-d5	100	103.45	103		49	133
			2-Fluorobiphenyl	100	114.42	114		52	132
			2,4,6-Tribromophenol	150	144.12	96		44	137
			Terphenyl-d14	100	136.06	136	*	48	125

Surrogate Summary

SW-846

SDG No.: BM092324

Client: _____

Analytical Method: 625.1

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163344BL	PB163344BL	BM047600.D	2-Fluorophenol	100	96.53	97		60	140
			Phenol-d6	100	93.13	93		60	140
			Nitrobenzene-d5	100	96.24	96		60	140
			2-Fluorobiphenyl	100	109.10	109		60	140
			2,4,6-Tribromophenol	100	69.81	70		60	140
			Terphenyl-d14	100	127.16	127		60	140

Surrogate Summary

SW-846

SDG No.: **BM092324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163525BL	PB163525BL	BM047599.D	2-Fluorophenol	150	129.38	86		18	112
			Phenol-d6	150	122.10	81		15	107
			Nitrobenzene-d5	100	82.14	82		18	107
			2-Fluorobiphenyl	100	88.72	89		20	109
			2,4,6-Tribromophenol	150	107.25	71		10	116
			Terphenyl-d14	100	110.35	110	*	10	105

Surrogate Summary

SW-846

SDG No.: **BM092324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4135-01	S1-6	BM047604.D	2-Fluorophenol	150	120.19	80		18	112
			Phenol-d6	150	117.60	78		15	107
			Nitrobenzene-d5	100	78.65	79		18	107
			2-Fluorobiphenyl	100	80.75	81		20	109
			2,4,6-Tribromophenol	150	121.51	81		10	116
			Terphenyl-d14	100	91.93	92		10	105
P4135-01MS	S1-6MS	BM047602.D	2-Fluorophenol	150	111.18	74		18	112
			Phenol-d6	150	108.42	72		15	107
			Nitrobenzene-d5	100	70.07	70		18	107
			2-Fluorobiphenyl	100	75.23	75		20	109
			2,4,6-Tribromophenol	150	108.13	72		10	116
			Terphenyl-d14	100	77.50	78		10	105
P4135-01MSD	S1-6MSD	BM047603.D	2-Fluorophenol	150	122.44	82		18	112
			Phenol-d6	150	122.25	82		15	107
			Nitrobenzene-d5	100	78.26	78		18	107
			2-Fluorobiphenyl	100	80.02	80		20	109
			2,4,6-Tribromophenol	150	119.94	80		10	116
			Terphenyl-d14	100	87.05	87		10	105
P4138-01	LIBERTY-AVE-TP	BM047607.D	2-Fluorophenol	150	86.67	58		18	112
			Phenol-d6	150	88.24	59		15	107
			Nitrobenzene-d5	100	55.18	55		18	107
			2-Fluorobiphenyl	100	57.16	57		20	109
			2,4,6-Tribromophenol	150	83.86	56		10	116
			Terphenyl-d14	100	59.79	60		10	105
P4139-01	350	BM047605.D	2-Fluorophenol	150	79.45	53		18	112
			Phenol-d6	150	82.28	55		15	107
			Nitrobenzene-d5	100	55.48	55		18	107
			2-Fluorobiphenyl	100	55.83	56		20	109
			2,4,6-Tribromophenol	150	77.13	51		10	116
			Terphenyl-d14	100	62.05	62		10	105
P4139-02	371	BM047606.D	2-Fluorophenol	150	83.64	56		18	112
			Phenol-d6	150	84.85	57		15	107
			Nitrobenzene-d5	100	57.88	58		18	107
			2-Fluorobiphenyl	100	59.41	59		20	109
			2,4,6-Tribromophenol	150	78.11	52		10	116
			Terphenyl-d14	100	67.79	68		10	105
P4142-01	OR-02-09202024	BM047608.D	2-Fluorophenol	150	74.66	50		18	112
			Phenol-d6	150	72.60	48		15	107
			Nitrobenzene-d5	100	45.49	45		18	107
			2-Fluorobiphenyl	100	47.36	47		20	109
			2,4,6-Tribromophenol	150	62.09	41		10	116
			Terphenyl-d14	100	47.66	48		10	105
P4146-01	CL-02-092024	BM047609.D	2-Fluorophenol	150	91.23	61		18	112
			Phenol-d6	150	89.21	59		15	107
			Nitrobenzene-d5	100	55.76	56		18	107
			2-Fluorobiphenyl	100	56.92	57		20	109
			2,4,6-Tribromophenol	150	75.19	50		10	116
			Terphenyl-d14	100	55.13	55		10	105
PB163606BL	PB163606BL	BM047611.D	2-Fluorophenol	150	148.38	99		18	112

Surrogate Summary

SW-846

SDG No.: **BM092324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163606BL	PB163606BL	BM047611.D	Phenol-d6	150	140.01	93		15	107
			Nitrobenzene-d5	100	91.59	92		18	107
			2-Fluorobiphenyl	100	101.28	101		20	109
			2,4,6-Tribromophenol	150	159.93	107		10	116
			Terphenyl-d14	100	105.83	106	*	10	105
PB163606BS	PB163606BS	BM047610.D	2-Fluorophenol	150	149.58	100		18	112
			Phenol-d6	150	142.85	95		15	107
			Nitrobenzene-d5	100	90.01	90		18	107
			2-Fluorobiphenyl	100	97.55	98		20	109
			2,4,6-Tribromophenol	150	166.36	111		10	116
			Terphenyl-d14	100	104.97	105		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM092324

Lab Code: CHEM

SAS No.: BM092324 SDG NO.: BM092324

Lab File ID: BM047597.D

DFTPP Injection Date: 09/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	22.4
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	7.7
442	Greater than 50% of mass 198	47.6
443	15.0 - 24.0% of mass 442	9.4 (19.7) 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	BM047598.D	09/23/2024	09:42
PB163525BL	PB163525BL	BM047599.D	09/23/2024	10:24
PB163344BL	PB163344BL	BM047600.D	09/23/2024	11:04
RR-TRIAZINE-WP	P3845-22	BM047601.D	09/23/2024	11:43
S1-6MS	P4135-01MS	BM047602.D	09/23/2024	13:46
S1-6MSD	P4135-01MSD	BM047603.D	09/23/2024	14:25
S1-6	P4135-01	BM047604.D	09/23/2024	15:04
350	P4139-01	BM047605.D	09/23/2024	15:44
371	P4139-02	BM047606.D	09/23/2024	16:23
LIBERTY-AVE-TP-COMP	P4138-01	BM047607.D	09/23/2024	17:03
OR-02-09202024	P4142-01	BM047608.D	09/23/2024	17:42
CL-02-092024	P4146-01	BM047609.D	09/23/2024	18:21
PB163606BS	PB163606BS	BM047610.D	09/23/2024	19:05
PB163606BL	PB163606BL	BM047611.D	09/23/2024	19:44