

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG No.: BM083024

Instrument ID: BNA_M Calibration Date/Time: 8/30/2024 11:28

Lab File ID: BM047401.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.482	0.454		-5.809	
Pyridine	1.184	1.157		-2.28	
2-Fluorophenol	1.042	1.049		0.672	
Benzaldehyde	0.783	0.824		5.236	
Aniline	1.286	1.287		0.078	
Phenol-d6	1.420	1.420		0.0	
Phenol	1.397	1.388		-0.644	20.0
bis(2-Chloroethyl)ether	1.211	1.162		-4.046	
2-Chlorophenol	1.167	1.169		0.171	
1,2-Dichlorobenzene	1.369	1.358		-0.804	
1,3-Dichlorobenzene	1.427	1.440		0.911	
1,4-Dichlorobenzene	1.445	1.449		0.277	20.0
Benzyl Alcohol	0.985	1.112		12.893	
2-Methylphenol	0.971	0.995		2.472	
2,2-oxybis(1-Chloropropane)	1.452	1.390		-4.27	
Acetophenone	0.464	0.464		0.0	
3+4-Methylphenols	1.350	1.367		1.259	
n-Nitroso-di-n-propylamine	0.976	0.921	0.050	-5.635	
Nitrobenzene-d5	0.360	0.361		0.278	
Hexachloroethane	0.540	0.547		1.296	
Nitrobenzene	0.371	0.372		0.27	
Isophorone	0.681	0.688		1.028	
2-Nitrophenol	0.182	0.196		7.692	20.0
2,4-Dimethylphenol	0.206	0.219		6.311	
bis(2-Chloroethoxy)methane	0.417	0.419		0.48	
2,4-Dichlorophenol	0.319	0.348		9.091	20.0
1,2,4-Trichlorobenzene	0.369	0.384		4.065	
Benzoic acid	0.246	0.257		4.472	
Naphthalene	0.977	0.989		1.228	
4-Chloroaniline	0.363	0.385		6.061	
Hexachlorobutadiene	0.230	0.245		6.522	20.0
Caprolactam	0.103	0.118		14.563	
4-Chloro-3-methylphenol	0.324	0.348		7.407	20.0
2-Methylnaphthalene	0.712	0.728		2.247	
Hexachlorocyclopentadiene	0.187	0.177	0.050	-5.348	
2,4,6-Trichlorophenol	0.406	0.421		3.695	20.0
2-Fluorobiphenyl	1.302	1.301		-0.077	
2,4,5-Trichlorophenol	0.451	0.476		5.543	
1,1-Biphenyl	1.397	1.392		-0.358	

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Instrument ID: BNA_M Calibration Date/Time: 8/30/2024 11:28

Lab File ID: BM047401.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.094	1.086		-0.731	
2-Nitroaniline	0.307	0.322		4.886	
Dimethylphthalate	1.378	1.449		5.152	
Acenaphthylene	1.591	1.614		1.446	
2,6-Dinitrotoluene	0.321	0.350		9.034	
3-Nitroaniline	0.296	0.330		11.486	
Acenaphthene	1.010	1.023		1.287	20.0
2,4-Dinitrophenol	0.198	0.219	0.050	10.606	
4-Nitrophenol	0.231	0.243	0.050	5.195	
Dibenzofuran	1.626	1.664		2.337	
2,4-Dinitrotoluene	0.415	0.460		10.843	
Diethylphthalate	1.359	1.433		5.445	
4-Chlorophenyl-phenylether	0.670	0.694		3.582	
Fluorene	1.316	1.359		3.267	
4-Nitroaniline	0.274	0.335		22.263	
4,6-Dinitro-2-methylphenol	0.123	0.135		9.756	
n-Nitrosodiphenylamine	0.547	0.536		-2.011	20.0
Azobenzene	1.184	1.187		0.253	
2,4,6-Tribromophenol	0.241	0.262		8.714	
4-Bromophenyl-phenylether	0.211	0.211		0.0	
Hexachlorobenzene	0.244	0.246		0.82	
Atrazine	0.179	0.182		1.676	
Pentachlorophenol	0.158	0.154		-2.532	20.0
Phenanthrene	0.971	0.980		0.927	
Anthracene	0.947	0.974		2.851	
Carbazole	0.909	0.985		8.361	
Di-n-butylphthalate	1.106	1.177		6.42	
Fluoranthene	1.140	1.247		9.386	20.0
Benzidine	0.334	0.594		77.844	
Pyrene	1.534	1.447		-5.671	
Terphenyl-d14	1.124	1.083		-3.648	
Butylbenzylphthalate	0.600	0.618		3.0	
3,3-Dichlorobenzidine	0.439	0.494		12.528	
Benzo(a)anthracene	1.304	1.334		2.301	
Chrysene	1.227	1.247		1.63	
Bis(2-ethylhexyl)phthalate	0.848	0.842		-0.708	
Di-n-octyl phthalate	1.428	1.499		4.972	20.0
Benzo(b)fluoranthene	1.167	1.180		1.114	
Benzo(k)fluoranthene	1.106	1.085		-1.899	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG No.: BM083024

Instrument ID: BNA_M Calibration Date/Time: 8/30/2024 11:28

Lab File ID: BM047401.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.009	1.027		1.784	20.0
Indeno(1,2,3-cd)pyrene	1.252	1.275		1.837	
Dibenzo(a,h)anthracene	1.014	1.026		1.183	
Benzo(g,h,i)perylene	1.054	1.068		1.328	
1,2,4,5-Tetrachlorobenzene	0.592	0.607		2.534	
1,4-Dioxane	0.427	0.405		-5.152	20.0
2,3,4,6-Tetrachlorophenol	0.370	0.386		4.324	
1-Methylnaphthalene	0.704	0.718		1.989	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BL	SDG No.:	BM083024
Lab Sample ID:	PB163081BL	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
BM047402.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BL	SDG No.:	BM083024
Lab Sample ID:	PB163081BL	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
BM047402.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BL	SDG No.:	BM083024
Lab Sample ID:	PB163081BL	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
BM047402.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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	122.039		10-139		81	SPK: -150
13127-88-3	Phenol-d6	114.645		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.421		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	75.202		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BL	SDG No.:	BM083024
Lab Sample ID:	PB163081BL	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
BM047402.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.02		44-137		82	SPK: -150
1718-51-0	Terphenyl-d14	70.896		48-125		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290967	7.345				
1146-65-2	Naphthalene-d8	1080873	10.104				
15067-26-2	Acenaphthene-d10	780071	14.01				
1517-22-2	Phenanthrene-d10	1736593	16.78				
1719-03-5	Chrysene-d12	1648141	21.021				
1520-96-3	Perylene-d12	1723679	23.732				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.5	A			4.557	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BS	SDG No.:	BM083024
Lab Sample ID:	PB163081BS	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
BM047403.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.9		1	8	10	ug/L
110-86-1	Pyridine	36.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	29.1		4	8	10	ug/L
62-53-3	Aniline	44.6		1.6	4	5	ug/L
108-95-2	Phenol	49.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	54.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.4		1.4	4	5	ug/L
98-86-2	Acetophenone	45.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.7		1	4	5	ug/L
98-95-3	Nitrobenzene	45		1.3	4	5	ug/L
78-59-1	Isophorone	46.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	63		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	53.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.9		5.5	8	10	ug/L
91-20-3	Naphthalene	46.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	34.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BS	SDG No.:	BM083024
Lab Sample ID:	PB163081BS	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
BM047403.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	37.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.6		0.81	4	5	ug/L
Total PAH	Total PAH	781.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	99	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	48.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.3		0.98	4	5	ug/L
86-73-7	Fluorene	47.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49		0.89	4	5	ug/L
103-33-3	Azobenzene	47.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.5		1.1	4	5	ug/L
1912-24-9	Atrazine	59.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BS	SDG No.:	BM083024
Lab Sample ID:	PB163081BS	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
BM047403.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.4		0.89	4	5	ug/L
120-12-7	Anthracene	52.2		1.1	4	5	ug/L
86-74-8	Carbazole	49.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50		1.5	4	5	ug/L
206-44-0	Fluoranthene	49.4		1.3	4	5	ug/L
92-87-5	Benzidine	79.5		4.1	8	10	ug/L
129-00-0	Pyrene	48.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.9		0.94	4	5	ug/L
218-01-9	Chrysene	49.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.421		10-139		94	SPK: -150
13127-88-3	Phenol-d6	133.84		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	89.928		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	90.429		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163081BS	SDG No.:	BM083024
Lab Sample ID:	PB163081BS	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
BM047403.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.397		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	97.002		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263227	7.345				
1146-65-2	Naphthalene-d8	1003038	10.104				
15067-26-2	Acenaphthene-d10	683549	14.01				
1517-22-2	Phenanthrene-d10	1423519	16.78				
1719-03-5	Chrysene-d12	1134291	21.027				
1520-96-3	Perylene-d12	1222822	23.727				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163048TB	SDG No.:	BM083024
Lab Sample ID:	PB163048TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047404.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163048TB	SDG No.:	BM083024
Lab Sample ID:	PB163048TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047404.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163048TB	SDG No.:	BM083024
Lab Sample ID:	PB163048TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047404.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147.027		10-139		98	SPK: -150
13127-88-3	Phenol-d6	136.479		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	96.655		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	94.93		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163048TB	SDG No.:	BM083024
Lab Sample ID:	PB163048TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047404.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.295		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	92.129		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238749	7.345				
1146-65-2	Naphthalene-d8	864350	10.104				
15067-26-2	Acenaphthene-d10	599594	14.01				
1517-22-2	Phenanthrene-d10	1329759	16.78				
1719-03-5	Chrysene-d12	1249101	21.021				
1520-96-3	Perylene-d12	1244165	23.727				

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM083024
Lab Sample ID:	P3751-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047405.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

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

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM083024
Lab Sample ID:	P3751-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047405.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	21.4	J	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM083024
Lab Sample ID:	P3751-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047405.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	28.2	J	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.905		10-139		79	SPK: -150
13127-88-3	Phenol-d6	108.107		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	91.698		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	88.526		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM083024
Lab Sample ID:	P3751-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047405.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.266		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	100.294		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241169	7.346				
1146-65-2	Naphthalene-d8	861937	10.098				
15067-26-2	Acenaphthene-d10	569536	14.004				
1517-22-2	Phenanthrene-d10	1188579	16.774				
1719-03-5	Chrysene-d12	975990	21.021				
1520-96-3	Perylene-d12	987006	23.721				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	CHRT-24376	SDG No.:	BM083024
Lab Sample ID:	P3794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047406.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510	U	510	1600	2000	ug/Kg
110-86-1	Pyridine	470	U	470	770	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	2000	ug/Kg
62-53-3	Aniline	570	U	570	770	1000	ug/Kg
108-95-2	Phenol	490	U	490	770	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	770	1000	ug/Kg
95-57-8	2-Chlorophenol	490	U	490	770	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	500	U	500	770	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	510	U	510	770	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	770	1000	ug/Kg
100-51-6	Benzyl Alcohol	490	U	490	1600	2000	ug/Kg
95-48-7	2-Methylphenol	480	U	480	770	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	770	1000	ug/Kg
98-86-2	Acetophenone	510	U	510	770	1000	ug/Kg
65794-96-9	3+4-Methylphenols	470	U	470	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	470	470	ug/Kg
67-72-1	Hexachloroethane	490	U	490	770	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	770	1000	ug/Kg
78-59-1	Isophorone	500	U	500	770	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	770	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	770	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	770	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	770	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	510	U	510	770	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	2000	ug/Kg
91-20-3	Naphthalene	490	U	490	770	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	770	1000	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	CHRT-24376	SDG No.:	BM083024
Lab Sample ID:	P3794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047406.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	510	U	510	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	770	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	770	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920	U	920	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	770	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	770	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	770	1000	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	770	1000	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	770	1000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	770	1000	ug/Kg
208-96-8	Acenaphthylene	510	U	510	770	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	770	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	770	1000	ug/Kg
83-32-9	Acenaphthene	480	U	480	770	1000	ug/Kg
Total PAH	Total PAH	7840	U	7840	770	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	690	U	690	1600	2000	ug/Kg
132-64-9	Dibenzofuran	500	U	500	770	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000	U	1000	770	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	770	1000	ug/Kg
84-66-2	Diethylphthalate	470	U	470	770	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	770	1000	ug/Kg
86-73-7	Fluorene	510	U	510	770	1000	ug/Kg
100-01-6	4-Nitroaniline	630	U	630	770	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	U	690	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	480	U	480	770	1000	ug/Kg
103-33-3	Azobenzene	470	U	470	770	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	770	1000	ug/Kg
118-74-1	Hexachlorobenzene	500	U	500	770	1000	ug/Kg
1912-24-9	Atrazine	540	U	540	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	CHRT-24376	SDG No.:	BM083024
Lab Sample ID:	P3794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047406.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	2000	ug/Kg
85-01-8	Phenanthrene	500	U	500	770	1000	ug/Kg
120-12-7	Anthracene	500	U	500	770	1000	ug/Kg
86-74-8	Carbazole	480	U	480	770	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	770	1000	ug/Kg
206-44-0	Fluoranthene	480	U	480	770	1000	ug/Kg
92-87-5	Benzidine	960	U	960	1600	2000	ug/Kg
129-00-0	Pyrene	490	U	490	770	1000	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	770	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	770	1000	ug/Kg
218-01-9	Chrysene	470	U	470	770	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	770	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	650	U	650	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	770	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	770	1000	ug/Kg
50-32-8	Benzo(a)pyrene	550	U	550	770	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	770	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	480	U	480	770	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	U	470	770	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	770	1000	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	770	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	770	1000	ug/Kg
90-12-0	1-Methylnaphthalene	490	U	490	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.751		18-112		66	SPK: -150
13127-88-3	Phenol-d6	91.423		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.114		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.379		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	CHRT-24376	SDG No.:	BM083024
Lab Sample ID:	P3794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047406.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.34		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	64.821		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230696	7.345				
1146-65-2	Naphthalene-d8	826638	10.098				
15067-26-2	Acenaphthene-d10	541762	14.01				
1517-22-2	Phenanthrene-d10	1024294	16.774				
1719-03-5	Chrysene-d12	845151	21.021				
1520-96-3	Perylene-d12	951227	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	740	A			4.557	
000593-49-7	Heptacosane	400	J			14.263	
000119-61-9	Benzophenone	510	J			15.398	
055045-11-9	Tridecane, 5-propyl-	850	J			15.786	
000630-01-3	Hexacosane	1400	J			16.61	
000057-10-3	n-Hexadecanoic acid	2000	J			17.709	
000057-11-4	Octadecanoic acid	890	J			19.009	
054833-23-7	Eicosane, 10-methyl-	620	J			20.162	
006765-39-5	1-Heptadecene	890	J			20.745	
000593-45-3	Octadecane	450	J			21.156	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-4	SDG No.:	BM083024
Lab Sample ID:	P3799-03	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
BM047407.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-4	SDG No.:	BM083024
Lab Sample ID:	P3799-03	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
BM047407.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-4	SDG No.:	BM083024
Lab Sample ID:	P3799-03	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
BM047407.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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	93.556		18-112		62	SPK: -150
13127-88-3	Phenol-d6	88.626		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.1		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	58.614		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-4	SDG No.:	BM083024
Lab Sample ID:	P3799-03	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
BM047407.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.409		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	56.281		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213219	7.345				
1146-65-2	Naphthalene-d8	780955	10.098				
15067-26-2	Acenaphthene-d10	517527	14.01				
1517-22-2	Phenanthrene-d10	1051147	16.774				
1719-03-5	Chrysene-d12	842084	21.021				
1520-96-3	Perylene-d12	891020	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			4.557	
000119-61-9	Benzophenone	340	J			15.392	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	55.4	J			15.957	
000057-10-3	n-Hexadecanoic acid	230	J			17.709	
000057-11-4	Octadecanoic acid	81.6	J			19.009	
000295-65-8	Cyclohexadecane	110	J			20.744	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-1-2	SDG No.:	BM083024
Lab Sample ID:	P3799-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047408.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-1-2	SDG No.:	BM083024
Lab Sample ID:	P3799-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047408.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-1-2	SDG No.:	BM083024
Lab Sample ID:	P3799-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047408.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.298		18-112		60	SPK: -150
13127-88-3	Phenol-d6	87.224		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	61.574		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	56.321		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-1-2	SDG No.:	BM083024
Lab Sample ID:	P3799-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047408.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.451		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	56.226		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227631	7.346				
1146-65-2	Naphthalene-d8	834368	10.099				
15067-26-2	Acenaphthene-d10	555258	14.004				
1517-22-2	Phenanthrene-d10	1109867	16.775				
1719-03-5	Chrysene-d12	880893	21.021				
1520-96-3	Perylene-d12	955127	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.558	
000119-61-9	Benzophenone	300	J			15.392	
000057-10-3	n-Hexadecanoic acid	150	J			17.71	
000057-11-4	Octadecanoic acid	69.3	J			19.01	
000661-19-8	Behenic alcohol	120	J			20.745	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-3	SDG No.:	BM083024
Lab Sample ID:	P3799-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047409.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	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	56.7	U	56.7	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



Client:				Date Collected:	8/29/2024 12:00:00 AM	
Project:				Date Received:	8/29/2024 12:00:00 AM	
Client Sample ID:	TEST-PITS-3			SDG No.:	BM083024	
Lab Sample ID:	P3799-05			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047409.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	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	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	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	51.3	U	51.3	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	51	U	51	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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-3	SDG No.:	BM083024
Lab Sample ID:	P3799-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047409.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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	50.4	U	50.4	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	54.6	U	54.6	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	55.8	U	55.8	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	98.44		18-112		66	SPK: -150
13127-88-3	Phenol-d6	91.639		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.439		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	63.186		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	TEST-PITS-3	SDG No.:	BM083024
Lab Sample ID:	P3799-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047409.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.792		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	58.505		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225860	7.346				
1146-65-2	Naphthalene-d8	815814	10.098				
15067-26-2	Acenaphthene-d10	534088	14.004				
1517-22-2	Phenanthrene-d10	1051565	16.774				
1719-03-5	Chrysene-d12	848740	21.021				
1520-96-3	Perylene-d12	925776	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	80.3	A			4.557	
000119-61-9	Benzophenone	320	J			15.392	
000057-10-3	n-Hexadecanoic acid	200	J			17.71	
000057-11-4	Octadecanoic acid	74.3	J			19.009	
959092-08-1	Pentafluoropropionic acid, pentade	110	J			20.745	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RBR20046	SDG No.:	BM083024
Lab Sample ID:	P3800-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047410.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RBR20046	SDG No.:	BM083024
Lab Sample ID:	P3800-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047410.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RBR20046	SDG No.:	BM083024
Lab Sample ID:	P3800-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047410.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

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	400		50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	260		50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	5.338	*	18-112		4	SPK: -150
13127-88-3	Phenol-d6	25.982		15-107		17	SPK: -150
4165-60-0	Nitrobenzene-d5	53.507		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	66.361		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RBR20046	SDG No.:	BM083024
Lab Sample ID:	P3800-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047410.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	0.296	*	10-116		0	SPK: -150
1718-51-0	Terphenyl-d14	39.118		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	342605	7.345				
1146-65-2	Naphthalene-d8	1215652	10.098				
15067-26-2	Acenaphthene-d10	596231	14.016				
1517-22-2	Phenanthrene-d10	633330	16.845				
1719-03-5	Chrysene-d12	1001003	21.05				
1520-96-3	Perylene-d12	1281328	23.733				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	239	SDG No.:	BM083024
Lab Sample ID:	P3795-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047411.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510	U	510	1600	1900	ug/Kg
110-86-1	Pyridine	470	U	470	770	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	1900	ug/Kg
62-53-3	Aniline	570	U	570	770	1000	ug/Kg
108-95-2	Phenol	490	U	490	770	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	490	U	490	770	1000	ug/Kg
95-57-8	2-Chlorophenol	490	U	490	770	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	500	U	500	770	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	510	U	510	770	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	770	1000	ug/Kg
100-51-6	Benzyl Alcohol	490	U	490	1600	1900	ug/Kg
95-48-7	2-Methylphenol	480	U	480	770	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	770	1000	ug/Kg
98-86-2	Acetophenone	510	U	510	770	1000	ug/Kg
65794-96-9	3+4-Methylphenols	470	U	470	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	470	470	ug/Kg
67-72-1	Hexachloroethane	490	U	490	770	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	770	1000	ug/Kg
78-59-1	Isophorone	500	U	500	770	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	770	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	770	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	770	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	770	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	500	U	500	770	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	1900	ug/Kg
91-20-3	Naphthalene	490	U	490	770	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	770	1000	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	239	SDG No.:	BM083024
Lab Sample ID:	P3795-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047411.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	510	U	510	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	770	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	770	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920	U	920	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	770	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	770	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	770	1000	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	770	1000	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	770	1000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	770	1000	ug/Kg
208-96-8	Acenaphthylene	510	U	510	770	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	770	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	770	1000	ug/Kg
83-32-9	Acenaphthene	480	U	480	770	1000	ug/Kg
Total PAH	Total PAH	7830	U	7830	770	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	690	U	690	1600	1900	ug/Kg
132-64-9	Dibenzofuran	500	U	500	770	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000	U	1000	770	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	770	1000	ug/Kg
84-66-2	Diethylphthalate	470	U	470	770	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	770	1000	ug/Kg
86-73-7	Fluorene	500	U	500	770	1000	ug/Kg
100-01-6	4-Nitroaniline	630	U	630	770	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	U	690	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	480	U	480	770	1000	ug/Kg
103-33-3	Azobenzene	470	U	470	770	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	770	1000	ug/Kg
118-74-1	Hexachlorobenzene	500	U	500	770	1000	ug/Kg
1912-24-9	Atrazine	540	U	540	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	239	SDG No.:	BM083024
Lab Sample ID:	P3795-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047411.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	1900	ug/Kg
85-01-8	Phenanthrene	500	U	500	770	1000	ug/Kg
120-12-7	Anthracene	500	U	500	770	1000	ug/Kg
86-74-8	Carbazole	470	U	470	770	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	770	1000	ug/Kg
206-44-0	Fluoranthene	480	U	480	770	1000	ug/Kg
92-87-5	Benzidine	960	U	960	1600	1900	ug/Kg
129-00-0	Pyrene	490	U	490	770	1000	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	770	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	770	1000	ug/Kg
218-01-9	Chrysene	470	U	470	770	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	770	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	650	U	650	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	770	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	770	1000	ug/Kg
50-32-8	Benzo(a)pyrene	550	U	550	770	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	770	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	480	U	480	770	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	U	470	770	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	770	1000	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	770	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	770	1000	ug/Kg
90-12-0	1-Methylnaphthalene	490	U	490	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.948		18-112		57	SPK: -150
13127-88-3	Phenol-d6	78.326		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	56.506		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	61.083		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	239	SDG No.:	BM083024
Lab Sample ID:	P3795-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047411.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.078		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	56.196		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222791	7.345				
1146-65-2	Naphthalene-d8	779565	10.098				
15067-26-2	Acenaphthene-d10	509868	14.004				
1517-22-2	Phenanthrene-d10	1014259	16.774				
1719-03-5	Chrysene-d12	919835	21.021				
1520-96-3	Perylene-d12	1085274	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
074036-95-6	2-Bromotetradecane	6000	J			16.127	
000544-76-3	Hexadecane	9600	J			17.692	
000057-10-3	n-Hexadecanoic acid	7700	J			17.715	
001454-85-9	n-Heptadecanol-1	6000	J			18.574	
	unknown18.986	5000	J			18.986	
000057-11-4	Octadecanoic acid	6900	J			19.015	
006008-17-9	5,5-Dibutylnonane	10300	J			19.039	
	unknown20.127	6200	J			20.127	
017312-55-9	Decane, 3,8-dimethyl-	9800	J			20.162	
007098-21-7	Tritetracontane	4700	J			20.745	
1000406-31-8	Eicosane, 1-iodo-	6500	J			20.956	
	unknown21.127	5100	J			21.127	
000629-99-2	Pentacosane	11300	J			21.156	
000593-49-7	Heptacosane	18900	J			22.292	
056882-09-8	4,9,13,17-Tetramethyl-4,8,12,16-oc	5800	J			22.45	
000112-95-8	Eicosane	4600	J			22.962	
001560-92-5	Hexadecane, 2-methyl-	3900	J			23.45	
000629-97-0	Docosane	23000	J			25.856	
000083-47-6	.gamma.-Sitosterol	7600	J			27.985	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	239	SDG No.:	BM083024
Lab Sample ID:	P3795-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047411.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-93-6	Octadecane, 1-iodo-	21600	J			28.868	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857	SDG No.:	BM083024
Lab Sample ID:	P3794-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047412.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	74.2	U	74.2	230	280	ug/Kg
110-86-1	Pyridine	68.3	U	68.3	110	150	ug/Kg
100-52-7	Benzaldehyde	160	U	160	230	280	ug/Kg
62-53-3	Aniline	82.8	U	82.8	110	150	ug/Kg
108-95-2	Phenol	70.8	U	70.8	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	71.5	U	71.5	110	150	ug/Kg
95-57-8	2-Chlorophenol	71.3	U	71.3	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	72.3	U	72.3	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	73.5	U	73.5	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	73.9	U	73.9	110	150	ug/Kg
100-51-6	Benzyl Alcohol	70.9	U	70.9	230	280	ug/Kg
95-48-7	2-Methylphenol	68.9	U	68.9	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77.7	U	77.7	110	150	ug/Kg
98-86-2	Acetophenone	74.2	U	74.2	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	68.2	U	68.2	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	34.4	U	34.4	68.3	68.3	ug/Kg
67-72-1	Hexachloroethane	70.9	U	70.9	110	150	ug/Kg
98-95-3	Nitrobenzene	77.6	U	77.6	110	150	ug/Kg
78-59-1	Isophorone	72.3	U	72.3	110	150	ug/Kg
88-75-5	2-Nitrophenol	80.7	U	80.7	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	79.6	U	79.6	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.3	U	73.3	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	64.5	U	64.5	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	73	U	73	110	150	ug/Kg
65-85-0	Benzoic acid	200	U	200	230	280	ug/Kg
91-20-3	Naphthalene	70.6	U	70.6	110	150	ug/Kg
106-47-8	4-Chloroaniline	70.6	U	70.6	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	71.2	U	71.2	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857	SDG No.:	BM083024
Lab Sample ID:	P3794-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047412.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	74.2	U	74.2	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66.2	U	66.2	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	70.5	U	70.5	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63.2	U	63.2	110	150	ug/Kg
92-52-4	1,1-Biphenyl	74.7	U	74.7	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	71.2	U	71.2	110	150	ug/Kg
88-74-4	2-Nitroaniline	81.2	U	81.2	110	150	ug/Kg
131-11-3	Dimethylphthalate	69.8	U	69.8	110	150	ug/Kg
208-96-8	Acenaphthylene	73.9	U	73.9	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	71.1	U	71.1	110	150	ug/Kg
99-09-2	3-Nitroaniline	76.2	U	76.2	110	150	ug/Kg
83-32-9	Acenaphthene	69.3	U	69.3	110	150	ug/Kg
Total PAH	Total PAH	1132.1	U	1132.1	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	230	280	ug/Kg
100-02-7	4-Nitrophenol	99.1	U	99.1	230	280	ug/Kg
132-64-9	Dibenzofuran	72.1	U	72.1	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	144.7	U	144.7	110	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.6	U	73.6	110	150	ug/Kg
84-66-2	Diethylphthalate	68.4	U	68.4	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	73.1	U	73.1	110	150	ug/Kg
86-73-7	Fluorene	73	U	73	110	150	ug/Kg
100-01-6	4-Nitroaniline	91.4	U	91.4	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	69.7	U	69.7	110	150	ug/Kg
103-33-3	Azobenzene	68	U	68	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.4	U	67.4	110	150	ug/Kg
118-74-1	Hexachlorobenzene	72.6	U	72.6	110	150	ug/Kg
1912-24-9	Atrazine	78.1	U	78.1	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857	SDG No.:	BM083024
Lab Sample ID:	P3794-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047412.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	66	U	66	230	280	ug/Kg
85-01-8	Phenanthrene	71.8	U	71.8	110	150	ug/Kg
120-12-7	Anthracene	72.1	U	72.1	110	150	ug/Kg
86-74-8	Carbazole	68.6	U	68.6	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	110	150	ug/Kg
206-44-0	Fluoranthene	69.8	U	69.8	110	150	ug/Kg
92-87-5	Benzidine	140	U	140	230	280	ug/Kg
129-00-0	Pyrene	70.9	U	70.9	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	82.7	U	82.7	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84.2	U	84.2	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	68.9	U	68.9	110	150	ug/Kg
218-01-9	Chrysene	67.9	U	67.9	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	77.7	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	69.3	U	69.3	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	70.6	U	70.6	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	79.5	U	79.5	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.7	U	66.7	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69.4	U	69.4	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68.4	U	68.4	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74.2	U	74.2	110	150	ug/Kg
123-91-1	1,4-Dioxane	94	U	94	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63.8	U	63.8	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	71.1	U	71.1	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.246		18-112		63	SPK: -150
13127-88-3	Phenol-d6	87.508		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.579		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	54.348		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857	SDG No.:	BM083024
Lab Sample ID:	P3794-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047412.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.807		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	44.344		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237763	7.345				
1146-65-2	Naphthalene-d8	831080	10.098				
15067-26-2	Acenaphthene-d10	534150	14.004				
1517-22-2	Phenanthrene-d10	855822	16.78				
1719-03-5	Chrysene-d12	823660	21.021				
1520-96-3	Perylene-d12	1027326	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	99.7	A			4.557	
000770-35-4	1-Phenoxypropan-2-ol	57	J			10.869	
	unknown12.751	92.6	J			12.751	
000581-40-8	Naphthalene, 2,3-dimethyl-	65.2	J			13.316	
	unknown13.404	280	J			13.404	
031295-56-4	Dodecane, 2,6,11-trimethyl-	150	J			13.504	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	200	J			13.727	
	unknown13.822	360	J			13.822	
057289-17-5	2,6-Naphthalenedione, octahydro-1,	120	J			14.086	
000483-77-2	Naphthalene, 1,2,3,4-tetrahydro-1,	110	J			14.339	
	unknown14.557	310	J			14.557	
1000294-91-1	1-(2,2-Dimethylcyclopropyl)-2-phen	84.3	J			14.633	
	unknown14.727	180	J			14.727	
	unknown14.798	540	J			14.798	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	440	J			15.763	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	1100	J			15.792	
000630-01-3	Hexacosane	1900	J			16.621	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MS	SDG No.:	BM083024
Lab Sample ID:	P3794-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047413.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		74.1	230	280	ug/Kg
110-86-1	Pyridine	1100		68.2	110	150	ug/Kg
100-52-7	Benzaldehyde	540		160	230	280	ug/Kg
62-53-3	Aniline	880		82.7	110	150	ug/Kg
108-95-2	Phenol	1300		70.8	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		71.5	110	150	ug/Kg
95-57-8	2-Chlorophenol	1300		71.3	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		72.2	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		73.4	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		73.9	110	150	ug/Kg
100-51-6	Benzyl Alcohol	1400		70.9	230	280	ug/Kg
95-48-7	2-Methylphenol	1300		68.8	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		77.6	110	150	ug/Kg
98-86-2	Acetophenone	1300		74.2	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	1300		68.1	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		34.4	68.3	68.3	ug/Kg
67-72-1	Hexachloroethane	1200		70.9	110	150	ug/Kg
98-95-3	Nitrobenzene	1200		77.5	110	150	ug/Kg
78-59-1	Isophorone	1200		72.2	110	150	ug/Kg
88-75-5	2-Nitrophenol	1300		80.7	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		79.6	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		73.3	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		64.5	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		72.9	110	150	ug/Kg
65-85-0	Benzoic acid	1100		200	230	280	ug/Kg
91-20-3	Naphthalene	1300		70.5	110	150	ug/Kg
106-47-8	4-Chloroaniline	710		70.5	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	1400		71.1	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MS	SDG No.:	BM083024
Lab Sample ID:	P3794-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047413.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		74.1	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		66.2	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	1300		70.4	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		61	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		63.2	110	150	ug/Kg
92-52-4	1,1-Biphenyl	1300		74.6	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	1300		71.1	110	150	ug/Kg
88-74-4	2-Nitroaniline	1300		81.1	110	150	ug/Kg
131-11-3	Dimethylphthalate	1300		69.8	110	150	ug/Kg
208-96-8	Acenaphthylene	1400		73.9	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		71	110	150	ug/Kg
99-09-2	3-Nitroaniline	880		76.2	110	150	ug/Kg
83-32-9	Acenaphthene	1300		69.2	110	150	ug/Kg
Total PAH	Total PAH	21500		1131.4	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		210	230	280	ug/Kg
100-02-7	4-Nitrophenol	2400	E	99	230	280	ug/Kg
132-64-9	Dibenzofuran	1300		72.1	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		144.6	110	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		73.6	110	150	ug/Kg
84-66-2	Diethylphthalate	1200		68.4	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		73.1	110	150	ug/Kg
86-73-7	Fluorene	1200		73	110	150	ug/Kg
100-01-6	4-Nitroaniline	1100		91.4	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		99.9	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		69.7	110	150	ug/Kg
103-33-3	Azobenzene	1100		68	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		67.4	110	150	ug/Kg
118-74-1	Hexachlorobenzene	1400		72.6	110	150	ug/Kg
1912-24-9	Atrazine	1700		78	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MS	SDG No.:	BM083024
Lab Sample ID:	P3794-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047413.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600	E	66	230	280	ug/Kg
85-01-8	Phenanthrene	1400		71.7	110	150	ug/Kg
120-12-7	Anthracene	1400		72.1	110	150	ug/Kg
86-74-8	Carbazole	1300		68.6	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	1200		72	110	150	ug/Kg
206-44-0	Fluoranthene	1300		69.8	110	150	ug/Kg
92-87-5	Benzidine	1800		140	230	280	ug/Kg
129-00-0	Pyrene	1200		70.9	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	1200		82.7	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		84.2	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	1300		68.9	110	150	ug/Kg
218-01-9	Chrysene	1300		67.9	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		77.7	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		93.9	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		69.2	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		70.5	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	1400		79.4	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		66.7	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		69.3	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		68.4	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		74.1	110	150	ug/Kg
123-91-1	1,4-Dioxane	1100		93.9	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		63.8	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	1200		71	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.702		18-112		58	SPK: -150
13127-88-3	Phenol-d6	81.699		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	52.815		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	50.365		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MS	SDG No.:	BM083024
Lab Sample ID:	P3794-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047413.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.089		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	42.967		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256729	7.339				
1146-65-2	Naphthalene-d8	966735	10.098				
15067-26-2	Acenaphthene-d10	618719	14.01				
1517-22-2	Phenanthrene-d10	1036784	16.78				
1719-03-5	Chrysene-d12	876274	21.021				
1520-96-3	Perylene-d12	1052779	23.721				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MSD	SDG No.:	BM083024
Lab Sample ID:	P3794-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047414.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		74.1	230	280	ug/Kg
110-86-1	Pyridine	1200		68.2	110	150	ug/Kg
100-52-7	Benzaldehyde	610		160	230	280	ug/Kg
62-53-3	Aniline	940		82.8	110	150	ug/Kg
108-95-2	Phenol	1500		70.8	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		71.5	110	150	ug/Kg
95-57-8	2-Chlorophenol	1500		71.3	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		72.3	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		73.5	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		73.9	110	150	ug/Kg
100-51-6	Benzyl Alcohol	1500		70.9	230	280	ug/Kg
95-48-7	2-Methylphenol	1400		68.8	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		77.6	110	150	ug/Kg
98-86-2	Acetophenone	1400		74.2	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	1400		68.2	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		34.4	68.3	68.3	ug/Kg
67-72-1	Hexachloroethane	1300		70.9	110	150	ug/Kg
98-95-3	Nitrobenzene	1300		77.6	110	150	ug/Kg
78-59-1	Isophorone	1300		72.3	110	150	ug/Kg
88-75-5	2-Nitrophenol	1500		80.7	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		79.6	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		73.3	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		64.5	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		72.9	110	150	ug/Kg
65-85-0	Benzoic acid	1200		200	230	280	ug/Kg
91-20-3	Naphthalene	1400		70.6	110	150	ug/Kg
106-47-8	4-Chloroaniline	750		70.6	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	1500		71.2	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MSD	SDG No.:	BM083024
Lab Sample ID:	P3794-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047414.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		74.1	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		66.2	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	1400		70.5	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		61	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		63.2	110	150	ug/Kg
92-52-4	1,1-Biphenyl	1500		74.7	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	1500		71.2	110	150	ug/Kg
88-74-4	2-Nitroaniline	1400		81.1	110	150	ug/Kg
131-11-3	Dimethylphthalate	1400		69.8	110	150	ug/Kg
208-96-8	Acenaphthylene	1500		73.9	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		71.1	110	150	ug/Kg
99-09-2	3-Nitroaniline	950		76.2	110	150	ug/Kg
83-32-9	Acenaphthene	1500		69.3	110	150	ug/Kg
Total PAH	Total PAH	23900		1132	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		210	230	280	ug/Kg
100-02-7	4-Nitrophenol	2700	E	99.1	230	280	ug/Kg
132-64-9	Dibenzofuran	1400		72.1	110	150	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		73.6	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		144.7	110	300	ug/Kg
84-66-2	Diethylphthalate	1300		68.4	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		73.1	110	150	ug/Kg
86-73-7	Fluorene	1400		73	110	150	ug/Kg
100-01-6	4-Nitroaniline	1200		91.4	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		99.9	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		69.7	110	150	ug/Kg
103-33-3	Azobenzene	1300		68	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		67.4	110	150	ug/Kg
118-74-1	Hexachlorobenzene	1500		72.6	110	150	ug/Kg
1912-24-9	Atrazine	1800		78.1	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MSD	SDG No.:	BM083024
Lab Sample ID:	P3794-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047414.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	66	230	280	ug/Kg
85-01-8	Phenanthrene	1500		71.8	110	150	ug/Kg
120-12-7	Anthracene	1500		72.1	110	150	ug/Kg
86-74-8	Carbazole	1400		68.6	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	1300		72	110	150	ug/Kg
206-44-0	Fluoranthene	1400		69.8	110	150	ug/Kg
92-87-5	Benzidine	2200		140	230	280	ug/Kg
129-00-0	Pyrene	1300		70.9	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	1300		82.7	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		84.2	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	1500		68.9	110	150	ug/Kg
218-01-9	Chrysene	1500		67.9	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		77.7	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		94	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		69.3	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		70.6	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	1600		79.4	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		66.7	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		69.4	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		68.4	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		74.1	110	150	ug/Kg
123-91-1	1,4-Dioxane	1200		94	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		63.8	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	1300		71.1	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.846		18-112		64	SPK: -150
13127-88-3	Phenol-d6	89.352		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	59.031		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	57.227		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT-857MSD	SDG No.:	BM083024
Lab Sample ID:	P3794-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	29.8
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
BM047414.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.903		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	46.55		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249768	7.345				
1146-65-2	Naphthalene-d8	921412	10.098				
15067-26-2	Acenaphthene-d10	566513	14.01				
1517-22-2	Phenanthrene-d10	944359	16.78				
1719-03-5	Chrysene-d12	832018	21.021				
1520-96-3	Perylene-d12	1040138	23.721				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	207	SDG No.:	BM083024
Lab Sample ID:	P3797-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047415.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.8	U	53.8	170	200	ug/Kg
110-86-1	Pyridine	49.5	U	49.5	80.6	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	60.1	U	60.1	80.6	110	ug/Kg
108-95-2	Phenol	51.4	U	51.4	80.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.9	U	51.9	80.6	110	ug/Kg
95-57-8	2-Chlorophenol	51.8	U	51.8	80.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.5	U	52.5	80.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.3	U	53.3	80.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.6	U	53.6	80.6	110	ug/Kg
100-51-6	Benzyl Alcohol	51.5	U	51.5	170	200	ug/Kg
95-48-7	2-Methylphenol	50	U	50	80.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.4	U	56.4	80.6	110	ug/Kg
98-86-2	Acetophenone	53.9	U	53.9	80.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.5	U	49.5	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25	U	25	49.6	49.6	ug/Kg
67-72-1	Hexachloroethane	51.5	U	51.5	80.6	110	ug/Kg
98-95-3	Nitrobenzene	56.3	U	56.3	80.6	110	ug/Kg
78-59-1	Isophorone	52.5	U	52.5	80.6	110	ug/Kg
88-75-5	2-Nitrophenol	58.6	U	58.6	80.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	57.8	U	57.8	80.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.2	U	53.2	80.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	46.8	U	46.8	80.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.9	U	52.9	80.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51.2	U	51.2	80.6	110	ug/Kg
106-47-8	4-Chloroaniline	51.2	U	51.2	80.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.6	U	51.6	80.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	207	SDG No.:	BM083024
Lab Sample ID:	P3797-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047415.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.8	U	53.8	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	80.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.1	U	51.1	80.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.7	U	96.7	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.3	U	44.3	80.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.9	U	45.9	80.6	110	ug/Kg
92-52-4	1,1-Biphenyl	54.2	U	54.2	80.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.6	U	51.6	80.6	110	ug/Kg
88-74-4	2-Nitroaniline	58.9	U	58.9	80.6	110	ug/Kg
131-11-3	Dimethylphthalate	50.7	U	50.7	80.6	110	ug/Kg
208-96-8	Acenaphthylene	53.6	U	53.6	80.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.6	U	51.6	80.6	110	ug/Kg
99-09-2	3-Nitroaniline	55.3	U	55.3	80.6	110	ug/Kg
83-32-9	Acenaphthene	50.3	U	50.3	80.6	110	ug/Kg
Total PAH	Total PAH	821.6	U	821.6	80.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.9	U	71.9	170	200	ug/Kg
132-64-9	Dibenzofuran	52.3	U	52.3	80.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105	U	105	80.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.4	U	53.4	80.6	110	ug/Kg
84-66-2	Diethylphthalate	49.7	U	49.7	80.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.1	U	53.1	80.6	110	ug/Kg
86-73-7	Fluorene	53	U	53	80.6	110	ug/Kg
100-01-6	4-Nitroaniline	66.3	U	66.3	80.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.5	U	72.5	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.6	U	50.6	80.6	110	ug/Kg
103-33-3	Azobenzene	49.4	U	49.4	80.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.9	U	48.9	80.6	110	ug/Kg
118-74-1	Hexachlorobenzene	52.7	U	52.7	80.6	110	ug/Kg
1912-24-9	Atrazine	56.7	U	56.7	80.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	207	SDG No.:	BM083024
Lab Sample ID:	P3797-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047415.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.9	U	47.9	170	200	ug/Kg
85-01-8	Phenanthrene	56.5	J	52.1	80.6	110	ug/Kg
120-12-7	Anthracene	52.3	U	52.3	80.6	110	ug/Kg
86-74-8	Carbazole	49.8	U	49.8	80.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.3	U	52.3	80.6	110	ug/Kg
206-44-0	Fluoranthene	110		50.7	80.6	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	89.1	J	51.5	80.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	80.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.1	U	61.1	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	57	J	50	80.6	110	ug/Kg
218-01-9	Chrysene	71.6	J	49.3	80.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.4	U	56.4	80.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.2	U	68.2	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.2	J	50.3	80.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.2	U	51.2	80.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	66	J	57.7	80.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.4	U	48.4	80.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.3	U	50.3	80.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.8	J	49.7	80.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.8	U	53.8	80.6	110	ug/Kg
123-91-1	1,4-Dioxane	68.2	U	68.2	80.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.3	U	46.3	80.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.6	U	51.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.143		18-112		49	SPK: -150
13127-88-3	Phenol-d6	67.88		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	47.608		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	51.287		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	207	SDG No.:	BM083024
Lab Sample ID:	P3797-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047415.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.642		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	44.851		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236555	7.345				
1146-65-2	Naphthalene-d8	835106	10.098				
15067-26-2	Acenaphthene-d10	533386	14.004				
1517-22-2	Phenanthrene-d10	996189	16.774				
1719-03-5	Chrysene-d12	895161	21.015				
1520-96-3	Perylene-d12	1056073	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	57	A			4.557	
000057-10-3	n-Hexadecanoic acid	170	J			17.709	
000057-11-4	Octadecanoic acid	88.5	J			19.009	
088104-31-8	2- Chloropropionic acid, octadecyl	74.2	J			20.744	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT2864	SDG No.:	BM083024
Lab Sample ID:	P3793-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BM047416.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.3	U	57.3	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64	U	64	85.9	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.1	U	55.1	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.8	U	56.8	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.8	U	54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	53.2	U	53.2	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.9	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.4	U	62.4	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.5	U	61.5	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT2864	SDG No.:	BM083024
Lab Sample ID:	P3793-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BM047416.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.3	U	57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.7	U	57.7	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.7	U	62.7	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	2959.7	U	875.1	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.6	U	76.6	180	220	ug/Kg
132-64-9	Dibenzofuran	55.7	U	55.7	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.8	U	111.8	85.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.9	110	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT2864	SDG No.:	BM083024
Lab Sample ID:	P3793-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BM047416.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51	U	51	180	220	ug/Kg
85-01-8	Phenanthrene	250		55.5	85.9	110	ug/Kg
120-12-7	Anthracene	59.7	J	55.7	85.9	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	540		54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	410		54.8	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	240		53.3	85.9	110	ug/Kg
218-01-9	Chrysene	280		52.5	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		60.1	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.6	U	72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	140		54.5	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	290		61.4	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180		51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		52.9	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.6	U	72.6	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.9	U	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.424		18-112		63	SPK: -150
13127-88-3	Phenol-d6	84.839		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.442		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	63.48		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	RT2864	SDG No.:	BM083024
Lab Sample ID:	P3793-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BM047416.D	1	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.675		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	55.478		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243158	7.345				
1146-65-2	Naphthalene-d8	841456	10.098				
15067-26-2	Acenaphthene-d10	532440	14.004				
1517-22-2	Phenanthrene-d10	1057172	16.774				
1719-03-5	Chrysene-d12	977499	21.015				
1520-96-3	Perylene-d12	1157270	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	58.6	J			3.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	78.1	A			4.557	
000119-61-9	Benzophenone	55	J			15.392	
000057-10-3	n-Hexadecanoic acid	200	J			17.704	
000203-64-5	4H-Cyclopenta[def]phenanthrene	75.3	J			17.845	
000057-11-4	Octadecanoic acid	45.3	J			19.009	
018835-33-1	1-Hexacosene	90	J			20.745	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	110	J			22.039	
000192-97-2	Benzo[e]pyrene	230	J			23.468	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	OR-02-082924	SDG No.:	BM083024
Lab Sample ID:	P3788-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047417.D	2	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.1	U	53.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.6	U	99.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	120	J	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	OR-02-082924	SDG No.:	BM083024
Lab Sample ID:	P3788-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047417.D	2	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.1	U	94.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.6	U	97.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	420		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	540		110	170	220	ug/Kg
Total PAH	Total PAH	29940		1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	380		110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	690		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	OR-02-082924	SDG No.:	BM083024
Lab Sample ID:	P3788-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06 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
BM047417.D	2	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	4100	E	110	170	220	ug/Kg
120-12-7	Anthracene	1500		110	170	220	ug/Kg
86-74-8	Carbazole	420		110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	5600	E	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	440	ug/Kg
129-00-0	Pyrene	3900	E	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	2300		110	170	220	ug/Kg
218-01-9	Chrysene	2100		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2200		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	390		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.5	U	98.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.09		18-112		57	SPK: -150
13127-88-3	Phenol-d6	75.728		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	53.604		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	56.476		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	OR-02-082924	SDG No.:	BM083024
Lab Sample ID:	P3788-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047417.D	2	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.034		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	47.924		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	268299	7.345				
1146-65-2	Naphthalene-d8	910699	10.098				
15067-26-2	Acenaphthene-d10	563090	14.004				
1517-22-2	Phenanthrene-d10	1087522	16.774				
1719-03-5	Chrysene-d12	1017443	21.021				
1520-96-3	Perylene-d12	1212021	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
1000309-13-0	Sulfurous acid, hexyl octyl ester	200	J			11.133	
000629-50-5	Tridecane	180	J			11.545	
000571-58-4	Naphthalene, 1,4-dimethyl-	170	J			13.322	
002235-15-6	1(2H)-Acenaphthylenone	170	J			15.762	
001430-97-3	9H-Fluorene, 2-methyl-	170	J			16.08	
000132-65-0	Dibenzothiophene	370	J			16.592	
031317-07-4	1-Methyldibenzothiophene	160	J			17.357	
002531-84-2	Phenanthrene, 2-methyl-	530	J			17.651	
000832-69-9	Phenanthrene, 1-methyl-	900	J			17.704	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	350	J			17.786	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	J			17.845	
000779-02-2	Anthracene, 9-methyl-	330	J			17.88	
000612-94-2	Naphthalene, 2-phenyl-	290	J			18.162	
000084-65-1	9,10-Anthracenedione	160	J			18.215	
000781-43-1	9,10-Dimethylantracene	360	J			18.586	
	unknown18.651	220	J			18.651	
005737-13-3	Cyclopenta(def)phenanthrenone	300	J			18.739	
000243-17-4	11H-Benzo[b]fluorene	200	J			19.733	
000192-97-2	Benzo[e]pyrene	590	J			23.092	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	OR-02-082924	SDG No.:	BM083024
Lab Sample ID:	P3788-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047417.D	2	8/30/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	1900	J			23.48	

Hit Summary Sheet SW-846

SDG No.: BM083024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-CMC-ESLAG-1								
P3751-02	WC-CMC-ESLAG-1	water	Dimethylphthalate	21.400	J	9.3	50	ug/L
P3751-02	WC-CMC-ESLAG-1	water	Pentachlorophenol	28.200	J	18.5	100	ug/L
Total Svoc :						49.60		
Total Concentration:						49.60		
Client ID : OR-02-082924								
P3788-01	OR-02-082924	Solid	1(2H)-Acenaphthylene	*	170.000	J		
P3788-01	OR-02-082924	Solid	1-Methyldibenzothiophene	*	160.000	J		
P3788-01	OR-02-082924	Solid	11H-Benzo[b]fluorene	*	200.000	J		
P3788-01	OR-02-082924	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	350.000	J		
P3788-01	OR-02-082924	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200.000	J		
P3788-01	OR-02-082924	Solid	9,10-Anthracenedione	*	160.000	J		
P3788-01	OR-02-082924	Solid	9,10-Dimethylantracene	*	360.000	J		
P3788-01	OR-02-082924	Solid	9H-Fluorene, 2-methyl-	*	170.000	J		
P3788-01	OR-02-082924	Solid	Anthracene, 9-methyl-	*	330.000	J		
P3788-01	OR-02-082924	Solid	Benzo[e]pyrene	*	590.000	J		
P3788-01	OR-02-082924	Solid	Cyclopenta(def)phenanthrenone	*	300.000	J		
P3788-01	OR-02-082924	Solid	Dibenzothiophene	*	370.000	J		
P3788-01	OR-02-082924	Solid	Naphthalene, 1,4-dimethyl-	*	170.000	J		
P3788-01	OR-02-082924	Solid	Naphthalene, 2-phenyl-	*	290.000	J		
P3788-01	OR-02-082924	Solid	Perylene	*	1,900.000	J		
P3788-01	OR-02-082924	Solid	Phenanthrene, 1-methyl-	*	900.000	J		
P3788-01	OR-02-082924	Solid	Phenanthrene, 2-methyl-	*	530.000	J		
P3788-01	OR-02-082924	Solid	Sulfurous acid, hexyl octyl ester	*	200.000	J		
P3788-01	OR-02-082924	Solid	Tridecane	*	180.000	J		
P3788-01	OR-02-082924	Solid	unknown18.651	*	220.000	J		
Total Tics :						8,750.00		
P3788-01	OR-02-082924	Solid	1-Methylnaphthalene		160.000	J	110	ug/Kg
P3788-01	OR-02-082924	Solid	2-Methylnaphthalene		140.000	J	110	ug/Kg
P3788-01	OR-02-082924	Solid	Acenaphthene		540.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Acenaphthylene		420.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Anthracene		1,500.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Benzo(a)anthracene		2,300.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Benzo(a)pyrene		2,200.000		120	ug/Kg
P3788-01	OR-02-082924	Solid	Benzo(b)fluoranthene		2,600.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Benzo(g,h,i)perylene		1,400.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Benzo(k)fluoranthene		880.000		110	ug/Kg
P3788-01	OR-02-082924	Solid	Carbazole		420.000		110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM083024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3788-01	OR-02-082924	Solid	Chrysene	2,100.000		100	220	ug/Kg
P3788-01	OR-02-082924	Solid	Dibenzo(a,h)anthracene	390.000		110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Dibenzofuran	380.000		110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Fluoranthene	5,600.000	E	110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Fluorene	690.000		110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		100	220	ug/Kg
P3788-01	OR-02-082924	Solid	Naphthalene	120.000	J	110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Phenanthrene	4,100.000	E	110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Pyrene	3,900.000	E	110	220	ug/Kg
P3788-01	OR-02-082924	Solid	Total PAH	29,940.000		1750	3520	ug/Kg

Total Svoc : 60,980.00

Total Concentration: 69,730.00

Client ID : RT2864

P3793-01	RT2864	Solid	1-Hexacosene	*	90.000	J		
P3793-01	RT2864	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	78.100	A		
P3793-01	RT2864	Solid	4H-Cyclopenta[def]phenanthrene	*	75.300	J		
P3793-01	RT2864	Solid	Benzo[e]pyrene	*	230.000	J		
P3793-01	RT2864	Solid	Benzophenone	*	55.000	J		
P3793-01	RT2864	Solid	n-Hexadecanoic acid	*	200.000	J		
P3793-01	RT2864	Solid	Octadecanoic acid	*	45.300	J		
P3793-01	RT2864	Solid	Propylene Glycol	*	58.600	J		
P3793-01	RT2864	Solid	Terephthalic acid, 3-methylbut-2-y	*	110.000	J		

Total Tics : 942.30

P3793-01	RT2864	Solid	Anthracene		59.700	J	55.7	110 ug/Kg
P3793-01	RT2864	Solid	Benzo(a)anthracene		240.000		53.3	110 ug/Kg
P3793-01	RT2864	Solid	Benzo(a)pyrene		290.000		61.4	110 ug/Kg
P3793-01	RT2864	Solid	Benzo(b)fluoranthene		360.000		53.6	110 ug/Kg
P3793-01	RT2864	Solid	Benzo(g,h,i)perylene		210.000		52.9	110 ug/Kg
P3793-01	RT2864	Solid	Benzo(k)fluoranthene		140.000		54.5	110 ug/Kg
P3793-01	RT2864	Solid	Bis(2-ethylhexyl)phthalate		220.000		60.1	110 ug/Kg
P3793-01	RT2864	Solid	Chrysene		280.000		52.5	110 ug/Kg
P3793-01	RT2864	Solid	Fluoranthene		540.000		54	110 ug/Kg
P3793-01	RT2864	Solid	Indeno(1,2,3-cd)pyrene		180.000		51.6	110 ug/Kg
P3793-01	RT2864	Solid	Phenanthrene		250.000		55.5	110 ug/Kg
P3793-01	RT2864	Solid	Pyrene		410.000		54.8	110 ug/Kg

Total Svoc : 3,179.70

Total Concentration: 4,122.00

Client ID : CHRT-24376

P3794-01	CHRT-24376	Solid	1-Heptadecene	*	890.000	J		
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Hit Summary Sheet SW-846

SDG No.: BM083024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3794-01	CHRT-24376	Solid	2-Pentanone, 4-hydroxy-4-methyl *	740.000	A			
P3794-01	CHRT-24376	Solid	Benzophenone *	510.000	J			
P3794-01	CHRT-24376	Solid	Eicosane, 10-methyl- *	620.000	J			
P3794-01	CHRT-24376	Solid	Heptacosane *	400.000	J			
P3794-01	CHRT-24376	Solid	Hexacosane *	1,400.000	J			
P3794-01	CHRT-24376	Solid	n-Hexadecanoic acid *	2,000.000	J			
P3794-01	CHRT-24376	Solid	Octadecane *	450.000	J			
P3794-01	CHRT-24376	Solid	Octadecanoic acid *	890.000	J			
P3794-01	CHRT-24376	Solid	Tridecane, 5-propyl- *	850.000	J			
Total Tics :				8,750.00				
Total Concentration:				8,750.00				
Client ID : RT-857								
P3794-03	RT-857	Solid	1-(2,2-Dimethylcyclopropyl)-2-ph *	84.300	J			
P3794-03	RT-857	Solid	1-Phenoxypropan-2-ol *	57.000	J			
P3794-03	RT-857	Solid	2,6-Naphthalenedione, octahydro- *	120.000	J			
P3794-03	RT-857	Solid	2-Pentanone, 4-hydroxy-4-methyl *	99.700	A			
P3794-03	RT-857	Solid	Carbonic acid, octadecyl prop-1-e *	440.000	J			
P3794-03	RT-857	Solid	Decahydro-1,1,4a,5,6-pentamethy *	200.000	J			
P3794-03	RT-857	Solid	Dodecane, 2,6,11-trimethyl- *	150.000	J			
P3794-03	RT-857	Solid	Hexacosane *	1,900.000	J			
P3794-03	RT-857	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	110.000	J			
P3794-03	RT-857	Solid	Naphthalene, 2,3-dimethyl- *	65.200	J			
P3794-03	RT-857	Solid	Pentadecane, 2,6,10,14-tetramethy *	1,100.000	J			
P3794-03	RT-857	Solid	unknown12.751 *	92.600	J			
P3794-03	RT-857	Solid	unknown13.404 *	280.000	J			
P3794-03	RT-857	Solid	unknown13.822 *	360.000	J			
P3794-03	RT-857	Solid	unknown14.557 *	310.000	J			
P3794-03	RT-857	Solid	unknown14.727 *	180.000	J			
P3794-03	RT-857	Solid	unknown14.798 *	540.000	J			
Total Tics :				6,088.80				
P3794-03	RT-857	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	77.7	150	ug/Kg
Total Svoc :				110.00				
Total Concentration:				6,198.80				
Client ID : 239								
P3795-03	239	Solid	.gamma.-Sitosterol *	7,600.000	J			
P3795-03	239	Solid	2-Bromotetradecane *	6,000.000	J			
P3795-03	239	Solid	4,9,13,17-Tetramethyl-4,8,12,16-c *	5,800.000	J			
P3795-03	239	Solid	5,5-Dibutylnonane *	10,300.000	J			
P3795-03	239	Solid	Decane, 3,8-dimethyl- *	9,800.000	J			

Hit Summary Sheet SW-846

SDG No.: BM083024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3795-03	239	Solid	Docosane	*	23,000.000	J		
P3795-03	239	Solid	Eicosane	*	4,600.000	J		
P3795-03	239	Solid	Eicosane, 1-iodo-	*	6,500.000	J		
P3795-03	239	Solid	Heptacosane	*	18,900.000	J		
P3795-03	239	Solid	Hexadecane	*	9,600.000	J		
P3795-03	239	Solid	Hexadecane, 2-methyl-	*	3,900.000	J		
P3795-03	239	Solid	n-Heptadecanol-1	*	6,000.000	J		
P3795-03	239	Solid	n-Hexadecanoic acid	*	7,700.000	J		
P3795-03	239	Solid	Octadecane, 1-iodo-	*	21,600.000	J		
P3795-03	239	Solid	Octadecanoic acid	*	6,900.000	J		
P3795-03	239	Solid	Pentacosane	*	11,300.000	J		
P3795-03	239	Solid	Tritetracontane	*	4,700.000	J		
P3795-03	239	Solid	unknown18.986	*	5,000.000	J		
P3795-03	239	Solid	unknown20.127	*	6,200.000	J		
P3795-03	239	Solid	unknown21.127	*	5,100.000	J		

Total Tics : 180,500.00
Total Concentration: 180,500.00

Client ID : 207

P3797-01	207	Solid	2- Chloropropionic acid, octadecy	*	74.200	J		
P3797-01	207	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	57.000	A		
P3797-01	207	Solid	n-Hexadecanoic acid	*	170.000	J		
P3797-01	207	Solid	Octadecanoic acid	*	88.500	J		
Total Tics :					389.70			
P3797-01	207	Solid	Benzo(a)anthracene		57.000	J	50	110 ug/Kg
P3797-01	207	Solid	Benzo(a)pyrene		66.000	J	57.7	110 ug/Kg
P3797-01	207	Solid	Benzo(b)fluoranthene		92.200	J	50.3	110 ug/Kg
P3797-01	207	Solid	Benzo(g,h,i)perylene		54.800	J	49.7	110 ug/Kg
P3797-01	207	Solid	Chrysene		71.600	J	49.3	110 ug/Kg
P3797-01	207	Solid	Fluoranthene		110.000		50.7	110 ug/Kg
P3797-01	207	Solid	Phenanthrene		56.500	J	52.1	110 ug/Kg
P3797-01	207	Solid	Pyrene		89.100	J	51.5	110 ug/Kg

Total Svoc : 597.20
Total Concentration: 986.90

Client ID : TEST-PITS-1-2

P3799-01	TEST-PITS-1-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3799-01	TEST-PITS-1-2	Solid	Behenic alcohol	*	120.000	J		
P3799-01	TEST-PITS-1-2	Solid	Benzophenone	*	300.000	J		
P3799-01	TEST-PITS-1-2	Solid	n-Hexadecanoic acid	*	150.000	J		
P3799-01	TEST-PITS-1-2	Solid	Octadecanoic acid	*	69.300	J		

Total Tics : 829.30

Hit Summary Sheet SW-846

SDG No.: BM083024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				829.30				
Client ID :	TEST-PITS-4							
P3799-03	TEST-PITS-4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	100.000	A			
P3799-03	TEST-PITS-4	Solid	Benzophenone *	340.000	J			
P3799-03	TEST-PITS-4	Solid	Cyclohexadecane *	110.000	J			
P3799-03	TEST-PITS-4	Solid	Methanone, (1-hydroxycyclohexy *	55.400	J			
P3799-03	TEST-PITS-4	Solid	n-Hexadecanoic acid *	230.000	J			
P3799-03	TEST-PITS-4	Solid	Octadecanoic acid *	81.600	J			
Total Tics :				917.00				
Total Concentration:				917.00				
Client ID :	TEST-PITS-3							
P3799-05	TEST-PITS-3	Solid	2-Pentanone, 4-hydroxy-4-methyl *	80.300	A			
P3799-05	TEST-PITS-3	Solid	Benzophenone *	320.000	J			
P3799-05	TEST-PITS-3	Solid	n-Hexadecanoic acid *	200.000	J			
P3799-05	TEST-PITS-3	Solid	Octadecanoic acid *	74.300	J			
P3799-05	TEST-PITS-3	Solid	Pentafluoropropionic acid, pentad *	110.000	J			
Total Tics :				784.60				
Total Concentration:				784.60				
Client ID :	RBR20046							
P3800-01	RBR20046	Solid	Di-n-butylphthalate	260.000		50.5	100	ug/Kg
P3800-01	RBR20046	Solid	Phenanthrene	400.000		50.3	100	ug/Kg
Total Svoc :				660.00				
Total Concentration:				660.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM082624 SAS No.: BM082624 SDG No.: BM082624
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 12:23 _____

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.483	0.481	0.511	0.495	0.462	0.482	3.5
Pyridine		1.216	1.177	1.260	1.199	1.133	1.184	3.9
2-Fluorophenol		1.147	1.083	1.102	1.042	0.963	1.042	6.9
Benzaldehyde		1.024	0.958	0.926	0.756	0.666	0.783	24.1
Aniline		1.333	1.336	1.435	1.326	1.239	1.286	9.0
Phenol-d6		1.441	1.447	1.508	1.436	1.356	1.420	3.8
Phenol		1.415	1.436	1.487	1.403	1.325	1.397	4.0
bis(2-Chloroethyl)ether		1.262	1.223	1.275	1.225	1.160	1.211	4.0
2-Chlorophenol		1.236	1.207	1.249	1.171	1.099	1.167	5.8
1,2-Dichlorobenzene		1.486	1.439	1.478	1.386	1.271	1.369	7.6
1,3-Dichlorobenzene		1.552	1.471	1.494	1.451	1.336	1.427	6.2
1,4-Dichlorobenzene		1.559	1.496	1.523	1.468	1.356	1.445	6.2
Benzyl Alcohol		0.851	0.921	1.060	1.031	0.999	0.985	7.4
2-Methylphenol		0.928	0.958	1.063	1.007	0.951	0.971	5.1
2,2-oxybis(1-Chloropropane)		1.472	1.512	1.580	1.501	1.398	1.452	6.4
Acetophenone		0.498	0.485	0.484	0.471	0.433	0.464	5.9
3+4-Methylphenols		1.272	1.334	1.473	1.400	1.328	1.350	5.1
n-Nitroso-di-n-propylamine	1.043	0.975	1.017	1.083	0.971	0.918	0.976	7.1
Nitrobenzene-d5		0.370	0.371	0.375	0.374	0.341	0.360	4.4
Hexachloroethane		0.570	0.544	0.576	0.549	0.515	0.540	5.1
Nitrobenzene		0.383	0.377	0.389	0.388	0.351	0.371	5.0
Isophorone		0.698	0.680	0.729	0.701	0.652	0.681	4.6
2-Nitrophenol		0.165	0.172	0.188	0.195	0.181	0.182	6.0
2,4-Dimethylphenol		0.200	0.202	0.217	0.214	0.201	0.206	3.5
bis(2-Chloroethoxy)methane		0.427	0.424	0.442	0.433	0.397	0.417	4.7
2,4-Dichlorophenol		0.283	0.308	0.333	0.342	0.318	0.319	6.2
1,2,4-Trichlorobenzene		0.385	0.372	0.379	0.380	0.353	0.369	3.8
Benzoic acid			0.205	0.247	0.258	0.250	0.246	8.5
Naphthalene		1.035	1.011	1.017	0.991	0.917	0.977	5.1
4-Chloroaniline		0.349	0.358	0.388	0.378	0.355	0.363	4.3
Hexachlorobutadiene		0.235	0.227	0.236	0.239	0.220	0.230	3.0
Caprolactam		0.101	0.094	0.116	0.105	0.103	0.103	6.6
4-Chloro-3-methylphenol		0.310	0.314	0.353	0.337	0.319	0.324	5.0
2-Methylnaphthalene		0.726	0.726	0.754	0.725	0.679	0.712	4.1
Hexachlorocyclopentadiene			0.154	0.173	0.205	0.189	0.187	10.6
2,4,6-Trichlorophenol		0.382	0.387	0.415	0.428	0.402	0.406	4.1

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.: BM082624 SAS No.: BM082624 SDG No.: BM082624
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 12:23 _____

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.419	1.345	1.315	1.341	1.221	1.302	5.7
2,4,5-Trichlorophenol		0.433	0.434	0.463	0.474	0.443	0.451	3.4
1,1-Biphenyl		1.494	1.433	1.423	1.432	1.312	1.397	4.8
2-Chloronaphthalene		1.170	1.129	1.128	1.116	1.027	1.094	5.0
2-Nitroaniline		0.293	0.296	0.328	0.324	0.301	0.307	4.7
Dimethylphthalate		1.462	1.385	1.457	1.401	1.313	1.378	4.9
Acenaphthylene		1.665	1.626	1.661	1.641	1.502	1.591	4.7
2,6-Dinitrotoluene		0.317	0.309	0.340	0.334	0.315	0.321	3.7
3-Nitroaniline		0.279	0.278	0.321	0.311	0.293	0.296	5.3
Acenaphthene		1.065	1.037	1.045	1.030	0.951	1.010	4.5
2,4-Dinitrophenol			0.152	0.198	0.208	0.206	0.198	11.5
4-Nitrophenol			0.187	0.245	0.240	0.237	0.231	9.7
Dibenzofuran		1.763	1.679	1.701	1.653	1.518	1.626	6.0
2,4-Dinitrotoluene		0.416	0.410	0.457	0.426	0.403	0.415	5.3
Diethylphthalate		1.461	1.355	1.487	1.375	1.289	1.359	6.6
4-Chlorophenyl-phenylether		0.729	0.673	0.698	0.675	0.633	0.670	5.3
Fluorene		1.447	1.352	1.398	1.332	1.235	1.316	7.0
4-Nitroaniline		0.255	0.252	0.314	0.286	0.272	0.274	7.8
4,6-Dinitro-2-methylphenol		0.099	0.109	0.131	0.136	0.126	0.123	10.9
n-Nitrosodiphenylamine		0.559	0.567	0.565	0.574	0.517	0.547	4.5
Azobenzene		1.228	1.221	1.292	1.208	1.119	1.184	6.2
2,4,6-Tribromophenol		0.250	0.239	0.262	0.246	0.232	0.241	5.1
4-Bromophenyl-phenylether		0.211	0.213	0.216	0.221	0.201	0.211	3.1
Hexachlorobenzene		0.254	0.247	0.249	0.254	0.232	0.244	3.9
Atrazine		0.198	0.193	0.195	0.161	0.148	0.179	12.7
Pentachlorophenol		0.138	0.148	0.164	0.170	0.157	0.158	6.9
Phenanthrene		1.034	1.006	1.004	0.997	0.915	0.971	5.3
Anthracene		0.980	0.984	0.990	0.982	0.893	0.947	5.0
Carbazole		0.969	0.927	0.970	0.939	0.846	0.909	6.1
Di-n-butylphthalate		1.155	1.117	1.201	1.154	1.039	1.106	6.1
Fluoranthene		1.269	1.170	1.215	1.163	1.039	1.140	7.7
Benzidine		0.298	0.251	0.259	0.507	0.206	0.334	32.6
Pyrene		1.480	1.491	1.575	1.598	1.526	1.534	3.0
Terphenyl-d14		1.074	1.100	1.170	1.176	1.105	1.124	3.5
Butylbenzylphthalate		0.551	0.567	0.631	0.642	0.597	0.600	5.6
3,3-Dichlorobenzidine		0.457	0.431	0.459	0.479	0.393	0.439	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM082624 SAS No.: BM082624 SDG No.: BM082624
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 12:23 _____

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.337	1.284	1.355	1.356	1.241	1.304	3.5
Chrysene		1.283	1.230	1.259	1.266	1.156	1.227	3.8
Bis(2-ethylhexyl)phthalate		0.856	0.828	0.874	0.892	0.821	0.848	3.3
Di-n-octyl phthalate		1.457	1.372	1.398	1.521	1.383	1.428	3.6
Benzo(b)fluoranthene		1.154	1.156	1.219	1.216	1.131	1.167	3.0
Benzo(k)fluoranthene		1.161	1.123	1.183	1.130	1.032	1.106	5.5
Benzo(a)pyrene		1.024	1.002	1.040	1.053	0.963	1.009	3.2
Indeno(1,2,3-cd)pyrene		1.317	1.245	1.213	1.314	1.194	1.252	3.8
Dibenzo(a,h)anthracene		1.078	1.021	0.993	1.061	0.959	1.014	4.2
Benzo(g,h,i)perylene		1.111	1.036	1.012	1.110	1.005	1.054	4.1
1,2,4,5-Tetrachlorobenzene		0.599	0.590	0.587	0.622	0.569	0.592	2.7
1,4-Dioxane		0.479	0.453	0.449	0.424	0.390	0.427	8.2
2,3,4,6-Tetrachlorophenol		0.363	0.355	0.395	0.383	0.364	0.370	3.9
1-Methylnaphthalene		0.726	0.723	0.748	0.717	0.666	0.704	4.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 12:07

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	250362	7.351	992556	10.10	673216	14.01
	UPPER LIMIT	500724	7.851	1985112	10.604	1346432	14.51
	LOWER LIMIT	125181	6.851	496278	9.604	336608	13.51
	EPA SAMPLE NO.						
01	PB163081BL	290967	7.35	1.08087e	10.10	780071	14.01
02	PB163081BS	263227	7.35	1.00304e	10.10	683549	14.01
03	PB163048TB	238749	7.35	864350	10.10	599594	14.01
04	WC-CMC-ESLAG-1	241169	7.35	861937	10.10	569536	14.00
05	CHRT-24376	230696	7.35	826638	10.10	541762	14.01
06	TEST-PITS-4	213219	7.35	780955	10.10	517527	14.01
07	TEST-PITS-1-2	227631	7.35	834368	10.10	555258	14.00
08	TEST-PITS-3	225860	7.35	815814	10.10	534088	14.00
09	RBR20046	342605	7.35	1.21565e	10.10	596231	14.02
10	239	222791	7.35	779565	10.10	509868	14.00
11	RT-857	237763	7.35	831080	10.10	534150	14.00
12	RT-857MS	256729	7.34	966735	10.10	618719	14.01
13	RT-857MSD	249768	7.35	921412	10.10	566513	14.01
14	207	236555	7.35	835106	10.10	533386	14.00
15	RT2864	243158	7.35	841456	10.10	532440	14.00
16	OR-02-082924	268299	7.35	910699	10.10	563090	14.00

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 22:18

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	250362	7.351	992556	10.10	673216	14.01
UPPER LIMIT	500724	7.851	1985112	10.604	1346432	14.51
LOWER LIMIT	125181	6.851	496278	9.604	336608	13.51
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047401.D Time Analyzed: 12:07

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	235590	7.345	917193	10.10	653125	14.01
	UPPER LIMIT	471180	7.845	1834386	10.604	1306250	14.51
	LOWER LIMIT	117795	6.845	458596.5	9.604	326562.5	13.51
	EPA SAMPLE NO.						
01	PB163081BL	290967	7.35	1.08087e	10.10	780071	14.01
02	PB163081BS	263227	7.35	1.00304e	10.10	683549	14.01
03	PB163048TB	238749	7.35	864350	10.10	599594	14.01
04	WC-CMC-ESLAG-1	241169	7.35	861937	10.10	569536	14.00
05	CHRT-24376	230696	7.35	826638	10.10	541762	14.01
06	TEST-PITS-4	213219	7.35	780955	10.10	517527	14.01
07	TEST-PITS-1-2	227631	7.35	834368	10.10	555258	14.00
08	TEST-PITS-3	225860	7.35	815814	10.10	534088	14.00
09	RBR20046	342605	7.35	1.21565e	10.10	596231	14.02
10	239	222791	7.35	779565	10.10	509868	14.00
11	RT-857	237763	7.35	831080	10.10	534150	14.00
12	RT-857MS	256729	7.34	966735	10.10	618719	14.01
13	RT-857MSD	249768	7.35	921412	10.10	566513	14.01
14	207	236555	7.35	835106	10.10	533386	14.00
15	RT2864	243158	7.35	841456	10.10	532440	14.00
16	OR-02-082924	268299	7.35	910699	10.10	563090	14.00

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047401.D Time Analyzed: 22:18

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	235590	7.345	917193	10.10	653125	14.01
UPPER LIMIT	471180	7.845	1834386	10.604	1306250	14.51
LOWER LIMIT	117795	6.845	458596.5	9.604	326562.5	13.51
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 12:07

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	1.33014e+01	16.774	999229	21.021	1.11798e+01	23.715
	UPPER LIMIT	2660280	17.274	1998458	21.521	2235960	24.215
	LOWER LIMIT	665070	16.274	499614.5	20.521	558990	23.215
	EPA SAMPLE NO.						
01	PB163081BL	1.73659	16.78	1.64814e+	21.02	1.72368e+	23.73
02	PB163081BS	1.42352	16.78	1.13429e+	21.03	1.22282e+	23.73
03	PB163048TB	1.32976	16.78	1.2491e+0	21.02	1.24417e+	23.73
04	WC-CMC-ESLAG-1	1.18858	16.77	975990	21.02	987006	23.72
05	CHRT-24376	1.02429	16.77	845151	21.02	951227	23.72
06	TEST-PITS-4	1.05115	16.77	842084	21.02	891020	23.72
07	TEST-PITS-1-2	1.10987	16.78	880893	21.02	955127	23.72
08	TEST-PITS-3	1.05157	16.77	848740	21.02	925776	23.72
09	RBR20046	633330 *	16.85	1.001e+00	21.05	1.28133e+	23.73
10	239	1.01426	16.77	919835	21.02	1.08527e+	23.72
11	RT-857	855822	16.78	823660	21.02	1.02733e+	23.72
12	RT-857MS	1.03678	16.78	876274	21.02	1.05278e+	23.72
13	RT-857MSD	944359	16.78	832018	21.02	1.04014e+	23.72
14	207	996189	16.77	895161	21.02	1.05607e+	23.72
15	RT2864	1.05717	16.77	977499	21.02	1.15727e+	23.72
16	OR-02-082924	1.08752	16.77	1.01744e+	21.02	1.21202e+	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 22:18

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	1.33014e+04	16.774	999229	21.021	1.11798e+04	23.715
UPPER LIMIT	2660280	17.274	1998458	21.521	2235960	24.215
LOWER LIMIT	665070	16.274	499614.5	20.521	558990	23.215
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047401.D Time Analyzed: 12:07

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	1.43712e+01	16.78	1.281e+00	21.027	1.50965e+01	23.727
	UPPER LIMIT	2874240	17.28	2562000	21.527	3019300	24.227
	LOWER LIMIT	718560	16.28	640500	20.527	754825	23.227
	EPA SAMPLE NO.						
01	PB163081BL	1.73659	16.78	1.64814e+	21.02	1.72368e+	23.73
02	PB163081BS	1.42352	16.78	1.13429e+	21.03	1.22282e+	23.73
03	PB163048TB	1.32976	16.78	1.2491e+0	21.02	1.24417e+	23.73
04	WC-CMC-ESLAG-1	1.18858	16.77	975990	21.02	987006	23.72
05	CHRT-24376	1.02429	16.77	845151	21.02	951227	23.72
06	TEST-PITS-4	1.05115	16.77	842084	21.02	891020	23.72
07	TEST-PITS-1-2	1.10987	16.78	880893	21.02	955127	23.72
08	TEST-PITS-3	1.05157	16.77	848740	21.02	925776	23.72
09	RBR20046	633330 *	16.85	1.001e+00	21.05	1.28133e+	23.73
10	239	1.01426	16.77	919835	21.02	1.08527e+	23.72
11	RT-857	855822	16.78	823660	21.02	1.02733e+	23.72
12	RT-857MS	1.03678	16.78	876274	21.02	1.05278e+	23.72
13	RT-857MSD	944359	16.78	832018	21.02	1.04014e+	23.72
14	207	996189	16.77	895161	21.02	1.05607e+	23.72
15	RT2864	1.05717	16.77	977499	21.02	1.15727e+	23.72
16	OR-02-082924	1.08752	16.77	1.01744e+	21.02	1.21202e+	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM083024 SAS No.: BM083024 SDG NO.: BM083024

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BM047401.D Time Analyzed: 22:18

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	1.43712e+04	16.78	1.281e+00	21.027	1.50965e+04	23.727
UPPER LIMIT	2874240	17.28	2562000	21.527	3019300	24.227
LOWER LIMIT	718560	16.28	640500	20.527	754825	23.227
EPA SAMPLE NO.						

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

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM083024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB163081BS	n-Nitrosodimethylamine	50	43.9	ug/L	88					55	108	
	Pyridine	50	36.3	ug/L	73					29	97	
	Benzaldehyde	50	29.1	ug/L	58					10	162	
	Aniline	50	44.6	ug/L	89					10	130	
	Phenol	50	49.5	ug/L	99					66	118	
	bis(2-Chloroethyl)ether	50	46.1	ug/L	92					62	103	
	2-Chlorophenol	50	51.6	ug/L	103					70	117	
	1,2-Dichlorobenzene	50	46.9	ug/L	94					72	102	
	1,3-Dichlorobenzene	50	45.7	ug/L	91					71	103	
	1,4-Dichlorobenzene	50	45.7	ug/L	91					76	103	
	Benzyl Alcohol	50	54.1	ug/L	108		*			36	93	
	2-Methylphenol	50	50.1	ug/L	100					69	109	
	2,2-oxybis(1-Chloropropane)	50	46.4	ug/L	93					65	100	
	Acetophenone	50	45.8	ug/L	92					60	104	
	3+4-Methylphenols	50	48.9	ug/L	98					67	106	
	N-Nitroso-di-n-propylamine	50	42.4	ug/L	85					57	107	
	Hexachloroethane	50	46.7	ug/L	93					76	118	
	Nitrobenzene	50	45	ug/L	90					58	106	
	Isophorone	50	46.4	ug/L	93					61	102	
	2-Nitrophenol	50	51.2	ug/L	102					70	115	
	2,4-Dimethylphenol	50	63	ug/L	126					42	142	
	bis(2-Chloroethoxy)methane	50	46.7	ug/L	93					58	109	
	2,4-Dichlorophenol	50	53.9	ug/L	108					66	115	
	1,2,4-Trichlorobenzene	50	46.1	ug/L	92					41	115	
	Benzoic acid	50	43.9	ug/L	88					10	125	
	Naphthalene	50	46.4	ug/L	93					64	107	
	4-Chloroaniline	50	34.7	ug/L	69					10	85	
	Hexachlorobutadiene	50	47.7	ug/L	95					69	101	
	Caprolactam	50	51	ug/L	102					58	128	
	4-Chloro-3-methylphenol	50	49.7	ug/L	99					65	114	
	2-Methylnaphthalene	50	47.4	ug/L	95					64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*			36	160	
	2,4,6-Trichlorophenol	50	51.6	ug/L	103					61	110	
	2,4,5-Trichlorophenol	50	49.7	ug/L	99					70	106	
	1,1-Biphenyl	50	46.1	ug/L	92					72	98	
	2-Chloronaphthalene	50	45.6	ug/L	91					59	106	
	2-Nitroaniline	50	49.6	ug/L	99					73	114	
	Dimethylphthalate	50	49.6	ug/L	99					64	103	
	Acenaphthylene	50	50.6	ug/L	101					79	103	
	2,6-Dinitrotoluene	50	48.1	ug/L	96					64	110	
	3-Nitroaniline	50	37.6	ug/L	75					28	100	
	Acenaphthene	50	48.6	ug/L	97					59	113	
	Total PAH	800	781.2	ug/L	98					59	113	
	2,4-Dinitrophenol	100	110	ug/L	110					36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM083024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163081BS	4-Nitrophenol	100	99	ug/L	99				45	147		
	Dibenzofuran	50	48.1	ug/L	96				65	106		
	2,4-Dinitrotoluene	50	48.4	ug/L	97				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	96.5	ug/L	97				60	115		
	Diethylphthalate	50	48.6	ug/L	97				63	105		
	4-Chlorophenyl-phenylether	50	48.3	ug/L	97				61	104		
	Fluorene	50	47.2	ug/L	94				64	107		
	4-Nitroaniline	50	50	ug/L	100				55	125		
	4,6-Dinitro-2-methylphenol	50	52.8	ug/L	106				62	132		
	N-Nitrosodiphenylamine	50	49	ug/L	98				61	109		
	Azobenzene	50	47.4	ug/L	95				59	106		
	4-Bromophenyl-phenylether	50	48.1	ug/L	96				73	103		
	Hexachlorobenzene	50	47.5	ug/L	95				73	106		
	Atrazine	50	59.1	ug/L	118				76	120		
	Pentachlorophenol	100	93.2	ug/L	93				47	114		
	Phenanthrene	50	49.4	ug/L	99				62	109		
	Anthracene	50	52.2	ug/L	104				65	110		
	Carbazole	50	49.7	ug/L	99				62	106		
	Di-n-butylphthalate	50	50	ug/L	100				64	106		
	Fluoranthene	50	49.4	ug/L	99				64	110		
	Benzidine	100	79.5	ug/L	80				10	94		
	Pyrene	50	48.4	ug/L	97				71	103		
	Butylbenzylphthalate	50	51.6	ug/L	103				61	105		
	3,3-Dichlorobenzidine	50	40.8	ug/L	82				43	108		
	Benzo(a)anthracene	50	49.9	ug/L	100				62	107		
	Chrysene	50	49.4	ug/L	99				61	108		
	bis(2-Ethylhexyl)phthalate	50	49.4	ug/L	99				59	110		
	Di-n-octyl phthalate	50	51.2	ug/L	102				52	139		
	Benzo(b)fluoranthene	50	47.8	ug/L	96				77	113		
	Benzo(k)fluoranthene	50	50.6	ug/L	101				77	105		
	Benzo(a)pyrene	50	52.1	ug/L	104				72	131		
	Indeno(1,2,3-cd)pyrene	50	48.2	ug/L	96				72	105		
	Dibenz(a,h)anthracene	50	47.8	ug/L	96				78	115		
	Benzo(g,h,i)perylene	50	43.2	ug/L	86				75	118		
	1,2,4,5-Tetrachlorobenzene	50	48.2	ug/L	96				72	101		
	1,4-Dioxane	50	37.6	ug/L	75				38	125		
	2,3,4,6-Tetrachlorophenol	50	51.9	ug/L	104				63	116		
	1-Methylnaphthalene	50	44.7	ug/L	89				51	114		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CHRT-24376

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM083024

SAS No.: BM083024 SDG NO.: BM083024

Lab File ID: BM047406.D

Lab Sample ID: P3794-01

Instrument ID: BNA_M

Date Extracted: 08/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/30/2024

Level: (low/med) LOW

Time Analyzed: 15:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CHRT-24376	P3794-01	BM047406.D	08/30/2024
TEST-PITS-4	P3799-03	BM047407.D	08/30/2024
TEST-PITS-1-2	P3799-01	BM047408.D	08/30/2024
TEST-PITS-3	P3799-05	BM047409.D	08/30/2024
RBR20046	P3800-01	BM047410.D	08/30/2024
239	P3795-03	BM047411.D	08/30/2024
RT-857	P3794-03	BM047412.D	08/30/2024
RT-857MS	P3794-03MS	BM047413.D	08/30/2024
RT-857MSD	P3794-03MSD	BM047414.D	08/30/2024
207	P3797-01	BM047415.D	08/30/2024
RT2864	P3793-01	BM047416.D	08/30/2024
OR-02-082924	P3788-01	BM047417.D	08/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163081BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM083024

SAS No.: BM083024 SDG NO.: BM083024

Lab File ID: BM047402.D

Lab Sample ID: PB163081BL

Instrument ID: BNA_M

Date Extracted: 08/29/2024

Matrix: (soil/water) water

Date Analyzed: 08/30/2024

Level: (low/med) LOW

Time Analyzed: 12:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163081BS	PB163081BS	BM047403.D	08/30/2024
PB163048TB	PB163048TB	BM047404.D	08/30/2024
WC-CMC-ESLAG-1	P3751-02	BM047405.D	08/30/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM083024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3794-03MS	Client Sample ID:	RT-857MS					DataFile:	BM047413.D		
n-Nitrosodimethylamine	1400		1100	ug/Kg	79				66	124	
Pyridine	1400		1100	ug/Kg	79				45	119	
Benzaldehyde	1400		540	ug/Kg	39				10	86	
Aniline	1400		880	ug/Kg	63				10	88	
Phenol	1400		1300	ug/Kg	93				67	126	
bis(2-Chloroethyl)ether	1400		1200	ug/Kg	86				54	125	
2-Chlorophenol	1400		1300	ug/Kg	93				79	107	
1,2-Dichlorobenzene	1400		1300	ug/Kg	93				61	105	
1,3-Dichlorobenzene	1400		1300	ug/Kg	93				62	101	
1,4-Dichlorobenzene	1400		1300	ug/Kg	93				63	104	
Benzyl Alcohol	1400		1400	ug/Kg	100				47	126	
2-Methylphenol	1400		1300	ug/Kg	93				66	122	
2,2-oxybis(1-Chloropropane)	1400		1200	ug/Kg	86				65	110	
Acetophenone	1400		1300	ug/Kg	93				75	111	
3+4-Methylphenols	1400		1300	ug/Kg	93				66	104	
N-Nitroso-di-n-propylamine	1400		1200	ug/Kg	86				59	119	
Hexachloroethane	1400		1200	ug/Kg	86				65	117	
Nitrobenzene	1400		1200	ug/Kg	86				70	119	
Isophorone	1400		1200	ug/Kg	86				76	122	
2-Nitrophenol	1400		1300	ug/Kg	93				54	145	
2,4-Dimethylphenol	1400		1600	ug/Kg	114				44	135	
bis(2-Chloroethoxy)methane	1400		1200	ug/Kg	86				68	112	
2,4-Dichlorophenol	1400		1400	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1400		1300	ug/Kg	93				57	103	
Benzoic acid	1400		1100	ug/Kg	79				50	104	
Naphthalene	1400		1300	ug/Kg	93				72	110	
4-Chloroaniline	1400		710	ug/Kg	51				10	91	
Hexachlorobutadiene	1400		1400	ug/Kg	100				66	114	
Caprolactam	1400		1200	ug/Kg	86				51	134	
4-Chloro-3-methylphenol	1400		1200	ug/Kg	86				57	132	
2-Methylnaphthalene	1400		1300	ug/Kg	93				59	123	
Hexachlorocyclopentadiene	2800		3000	ug/Kg	107				10	175	
2,4,6-Trichlorophenol	1400		1400	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1400		1400	ug/Kg	100				72	117	
1,1-Biphenyl	1400		1300	ug/Kg	93				75	113	
2-Chloronaphthalene	1400		1300	ug/Kg	93				67	118	
2-Nitroaniline	1400		1300	ug/Kg	93				69	127	
Dimethylphthalate	1400		1300	ug/Kg	93				70	113	
Acenaphthylene	1400		1400	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1400		1200	ug/Kg	86				70	125	
3-Nitroaniline	1400		880	ug/Kg	63				30	99	
Acenaphthene	1400		1300	ug/Kg	93				70	121	
Total PAH	22400	0	21500	ug/Kg	96				70	121	
2,4-Dinitrophenol	2800		1700	ug/Kg	61				10	155	
4-Nitrophenol	2800		2400	ug/Kg	86				45	133	
Dibenzofuran	1400		1300	ug/Kg	93				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM083024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1400		1200	ug/Kg	86				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2800		2400	ug/Kg	86				55	128	
Diethylphthalate	1400		1200	ug/Kg	86				70	112	
4-Chlorophenyl-phenylether	1400		1300	ug/Kg	93				71	108	
Fluorene	1400		1200	ug/Kg	86				68	116	
4-Nitroaniline	1400		1100	ug/Kg	79				55	120	
4,6-Dinitro-2-methylphenol	1400		1100	ug/Kg	79				10	160	
N-Nitrosodiphenylamine	1400		1500	ug/Kg	107				73	118	
Azobenzene	1400		1100	ug/Kg	79				73	110	
4-Bromophenyl-phenylether	1400		1400	ug/Kg	100				65	121	
Hexachlorobenzene	1400		1400	ug/Kg	100				67	118	
Atrazine	1400		1700	ug/Kg	121				79	127	
Pentachlorophenol	2800		2600	ug/Kg	93				47	128	
Phenanthrene	1400	0	1400	ug/Kg	100				52	128	
Anthracene	1400		1400	ug/Kg	100				62	124	
Carbazole	1400		1300	ug/Kg	93				59	119	
Di-n-butylphthalate	1400		1200	ug/Kg	86				69	118	
Fluoranthene	1400		1300	ug/Kg	93				44	125	
Benzydine	2800		1800	ug/Kg	64				10	119	
Pyrene	1400		1200	ug/Kg	86				26	142	
Butylbenzylphthalate	1400		1200	ug/Kg	86				64	126	
3,3-Dichlorobenzidine	1400		1000	ug/Kg	71				33	116	
Benzo(a)anthracene	1400		1300	ug/Kg	93				71	114	
Chrysene	1400		1300	ug/Kg	93				57	121	
bis(2-Ethylhexyl)phthalate	1400	110	1300	ug/Kg	85				42	169	
Di-n-octyl phthalate	1400		1300	ug/Kg	93				23	175	
Benzo(b)fluoranthene	1400		1300	ug/Kg	93				67	121	
Benzo(k)fluoranthene	1400		1300	ug/Kg	93				57	134	
Benzo(a)pyrene	1400		1400	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1400		1500	ug/Kg	107				40	129	
Dibenz(a,h)anthracene	1400		1500	ug/Kg	107				43	123	
Benzo(g,h,i)perylene	1400		1400	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1400		1400	ug/Kg	100				69	124	
1,4-Dioxane	1400		1100	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1400		1300	ug/Kg	93				69	112	
1-Methylnaphthalene	1400		1200	ug/Kg	86				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM083024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3794-03MSD	Client Sample ID:	RT-857MSD					DataFile:	BM047414.D		
n-Nitrosodimethylamine	1400		1300	ug/Kg	93		16		66	124	20
Pyridine	1400		1200	ug/Kg	86		8		45	119	20
Benzaldehyde	1400		610	ug/Kg	44		12		10	86	20
Aniline	1400		940	ug/Kg	67		6		10	88	20
Phenol	1400		1500	ug/Kg	107		14		67	126	20
bis(2-Chloroethyl)ether	1400		1300	ug/Kg	93		8		54	125	20
2-Chlorophenol	1400		1500	ug/Kg	107		14		79	107	20
1,2-Dichlorobenzene	1400		1400	ug/Kg	100		7		61	105	20
1,3-Dichlorobenzene	1400		1400	ug/Kg	100		7		62	101	20
1,4-Dichlorobenzene	1400		1400	ug/Kg	100		7		63	104	20
Benzyl Alcohol	1400		1500	ug/Kg	107		7		47	126	20
2-Methylphenol	1400		1400	ug/Kg	100		7		66	122	20
2,2-oxybis(1-Chloropropane)	1400		1300	ug/Kg	93		8		65	110	20
Acetophenone	1400		1400	ug/Kg	100		7		75	111	20
3+4-Methylphenols	1400		1400	ug/Kg	100		7		66	104	20
N-Nitroso-di-n-propylamine	1400		1300	ug/Kg	93		8		59	119	20
Hexachloroethane	1400		1300	ug/Kg	93		8		65	117	20
Nitrobenzene	1400		1300	ug/Kg	93		8		70	119	20
Isophorone	1400		1300	ug/Kg	93		8		76	122	20
2-Nitrophenol	1400		1500	ug/Kg	107		14		54	145	20
2,4-Dimethylphenol	1400		1800	ug/Kg	129		12		44	135	20
bis(2-Chloroethoxy)methane	1400		1300	ug/Kg	93		8		68	112	20
2,4-Dichlorophenol	1400		1500	ug/Kg	107		7		72	118	20
1,2,4-Trichlorobenzene	1400		1400	ug/Kg	100		7		57	103	20
Benzoic acid	1400		1200	ug/Kg	86		8		50	104	20
Naphthalene	1400		1400	ug/Kg	100		7		72	110	20
4-Chloroaniline	1400		750	ug/Kg	54		6		10	91	20
Hexachlorobutadiene	1400		1500	ug/Kg	107		7		66	114	20
Caprolactam	1400		1300	ug/Kg	93		8		51	134	20
4-Chloro-3-methylphenol	1400		1300	ug/Kg	93		8		57	132	20
2-Methylnaphthalene	1400		1400	ug/Kg	100		7		59	123	20
Hexachlorocyclopentadiene	2800		3300	ug/Kg	118		10		10	175	20
2,4,6-Trichlorophenol	1400		1600	ug/Kg	114		13		72	117	20
2,4,5-Trichlorophenol	1400		1500	ug/Kg	107		7		72	117	20
1,1-Biphenyl	1400		1500	ug/Kg	107		14		75	113	20
2-Chloronaphthalene	1400		1500	ug/Kg	107		14		67	118	20
2-Nitroaniline	1400		1400	ug/Kg	100		7		69	127	20
Dimethylphthalate	1400		1400	ug/Kg	100		7		70	113	20
Acenaphthylene	1400		1500	ug/Kg	107		7		79	118	20
2,6-Dinitrotoluene	1400		1400	ug/Kg	100		15		70	125	20
3-Nitroaniline	1400		950	ug/Kg	68		8		30	99	20
Acenaphthene	1400		1500	ug/Kg	107		14		70	121	20
Total PAH	22400	0	23900	ug/Kg	107		11		70	121	20
2,4-Dinitrophenol	2800		1800	ug/Kg	64		5		10	155	20
4-Nitrophenol	2800		2700	ug/Kg	96		11		45	133	20
Dibenzofuran	1400		1400	ug/Kg	100		7		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM083024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1400		1400	ug/Kg	100		15		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2800		2800	ug/Kg	100		15		55	128	20
Diethylphthalate	1400		1300	ug/Kg	93		8		70	112	20
4-Chlorophenyl-phenylether	1400		1400	ug/Kg	100		7		71	108	20
Fluorene	1400		1400	ug/Kg	100		15		68	116	20
4-Nitroaniline	1400		1200	ug/Kg	86		8		55	120	20
4,6-Dinitro-2-methylphenol	1400		1200	ug/Kg	86		8		10	160	20
N-Nitrosodiphenylamine	1400		1700	ug/Kg	121	*	12		73	118	20
Azobenzene	1400		1300	ug/Kg	93		16		73	110	20
4-Bromophenyl-phenylether	1400		1600	ug/Kg	114		13		65	121	20
Hexachlorobenzene	1400		1500	ug/Kg	107		7		67	118	20
Atrazine	1400		1800	ug/Kg	129	*	6		79	127	20
Pentachlorophenol	2800		3000	ug/Kg	107		14		47	128	20
Phenanthrene	1400	0	1500	ug/Kg	107		7		52	128	20
Anthracene	1400		1500	ug/Kg	107		7		62	124	20
Carbazole	1400		1400	ug/Kg	100		7		59	119	20
Di-n-butylphthalate	1400		1300	ug/Kg	93		8		69	118	20
Fluoranthene	1400		1400	ug/Kg	100		7		44	125	20
Benzidine	2800		2200	ug/Kg	79		21	*	10	119	20
Pyrene	1400		1300	ug/Kg	93		8		26	142	20
Butylbenzylphthalate	1400		1300	ug/Kg	93		8		64	126	20
3,3-Dichlorobenzidine	1400		1200	ug/Kg	86		19		33	116	20
Benzo(a)anthracene	1400		1500	ug/Kg	107		14		71	114	20
Chrysene	1400		1500	ug/Kg	107		14		57	121	20
bis(2-Ethylhexyl)phthalate	1400	110	1400	ug/Kg	92		8		42	169	20
Di-n-octyl phthalate	1400		1400	ug/Kg	100		7		23	175	20
Benzo(b)fluoranthene	1400		1400	ug/Kg	100		7		67	121	20
Benzo(k)fluoranthene	1400		1500	ug/Kg	107		14		57	134	20
Benzo(a)pyrene	1400		1600	ug/Kg	114		13		70	142	20
Indeno(1,2,3-cd)pyrene	1400		1700	ug/Kg	121		12		40	129	20
Dibenz(a,h)anthracene	1400		1700	ug/Kg	121		12		43	123	20
Benzo(g,h,i)perylene	1400		1500	ug/Kg	107		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1400		1600	ug/Kg	114		13		69	124	20
1,4-Dioxane	1400		1200	ug/Kg	86		8		46	112	20
2,3,4,6-Tetrachlorophenol	1400		1500	ug/Kg	107		14		69	112	20
1-Methylnaphthalene	1400		1300	ug/Kg	93		8		70	130	20

Surrogate Summary

SW-846

SDG No.: **BM083024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3788-01	OR-02-082924	BM047417.D	2-Fluorophenol	150	85.09	57		18	112
			Phenol-d6	150	75.73	50		15	107
			Nitrobenzene-d5	100	53.60	54		18	107
			2-Fluorobiphenyl	100	56.48	56		20	109
			2,4,6-Tribromophenol	150	78.03	52		10	116
			Terphenyl-d14	100	47.92	48		10	105
P3793-01	RT2864	BM047416.D	2-Fluorophenol	150	94.42	63		18	112
			Phenol-d6	150	84.84	57		15	107
			Nitrobenzene-d5	100	60.44	60		18	107
			2-Fluorobiphenyl	100	63.48	63		20	109
			2,4,6-Tribromophenol	150	91.68	61		10	116
			Terphenyl-d14	100	55.48	55		10	105
P3794-01	CHRT-24376	BM047406.D	2-Fluorophenol	150	98.75	66		18	112
			Phenol-d6	150	91.42	61		15	107
			Nitrobenzene-d5	100	66.11	66		18	107
			2-Fluorobiphenyl	100	66.38	66		20	109
			2,4,6-Tribromophenol	150	94.34	63		10	116
			Terphenyl-d14	100	64.82	65		10	105
P3794-03	RT-857	BM047412.D	2-Fluorophenol	150	95.25	63		18	112
			Phenol-d6	150	87.51	58		15	107
			Nitrobenzene-d5	100	60.58	61		18	107
			2-Fluorobiphenyl	100	54.35	54		20	109
			2,4,6-Tribromophenol	150	81.81	55		10	116
			Terphenyl-d14	100	44.34	44		10	105
P3794-03MS	RT-857MS	BM047413.D	2-Fluorophenol	150	86.70	58		18	112
			Phenol-d6	150	81.70	54		15	107
			Nitrobenzene-d5	100	52.82	53		18	107
			2-Fluorobiphenyl	100	50.37	50		20	109
			2,4,6-Tribromophenol	150	74.09	49		10	116
			Terphenyl-d14	100	42.97	43		10	105
P3794-03MSD	RT-857MSD	BM047414.D	2-Fluorophenol	150	95.85	64		18	112
			Phenol-d6	150	89.35	60		15	107
			Nitrobenzene-d5	100	59.03	59		18	107
			2-Fluorobiphenyl	100	57.23	57		20	109
			2,4,6-Tribromophenol	150	81.90	55		10	116
			Terphenyl-d14	100	46.55	47		10	105
P3795-03	239	BM047411.D	2-Fluorophenol	150	84.95	57		18	112
			Phenol-d6	150	78.33	52		15	107
			Nitrobenzene-d5	100	56.51	57		18	107
			2-Fluorobiphenyl	100	61.08	61		20	109
			2,4,6-Tribromophenol	150	88.08	59		10	116
			Terphenyl-d14	100	56.20	56		10	105
P3797-01	207	BM047415.D	2-Fluorophenol	150	74.14	49		18	112
			Phenol-d6	150	67.88	45		15	107
			Nitrobenzene-d5	100	47.61	48		18	107
			2-Fluorobiphenyl	100	51.29	51		20	109
			2,4,6-Tribromophenol	150	68.64	46		10	116
			Terphenyl-d14	100	44.85	45		10	105
P3799-01	TEST-PITS-1-2	BM047408.D	2-Fluorophenol	150	90.30	60		18	112

Surrogate Summary

SW-846

SDG No.: **BM083024**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3799-01	TEST-PITS-1-2	BM047408.D	Phenol-d6	150	87.22	58		15	107
			Nitrobenzene-d5	100	61.57	62		18	107
			2-Fluorobiphenyl	100	56.32	56		20	109
			2,4,6-Tribromophenol	150	80.45	54		10	116
			Terphenyl-d14	100	56.23	56		10	105
P3799-03	TEST-PITS-4	BM047407.D	2-Fluorophenol	150	93.56	62		18	112
			Phenol-d6	150	88.63	59		15	107
			Nitrobenzene-d5	100	63.10	63		18	107
			2-Fluorobiphenyl	100	58.61	59		20	109
			2,4,6-Tribromophenol	150	87.41	58		10	116
P3799-05	TEST-PITS-3	BM047409.D	Terphenyl-d14	100	56.28	56		10	105
			2-Fluorophenol	150	98.44	66		18	112
			Phenol-d6	150	91.64	61		15	107
			Nitrobenzene-d5	100	66.44	66		18	107
			2-Fluorobiphenyl	100	63.19	63		20	109
P3800-01	RBR20046	BM047410.D	2,4,6-Tribromophenol	150	94.79	63		10	116
			Terphenyl-d14	100	58.51	59		10	105
			2-Fluorophenol	150	5.34	4	*	18	112
			Phenol-d6	150	25.98	17		15	107
			Nitrobenzene-d5	100	53.51	54		18	107
			2-Fluorobiphenyl	100	66.36	66		20	109
			2,4,6-Tribromophenol	150	0.30	0	*	10	116
			Terphenyl-d14	100	39.12	39		10	105

Surrogate Summary

SW-846

SDG No.: **BM083024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3751-02	WC-CMC-ESLAG-BM047405.D		2-Fluorophenol	150	118.91	79		10	139
			Phenol-d6	150	108.11	72		10	134
			Nitrobenzene-d5	100	91.70	92		49	133
			2-Fluorobiphenyl	100	88.53	89		52	132
			2,4,6-Tribromophenol	150	154.27	103		44	137
			Terphenyl-d14	100	100.29	100		48	125
PB163048TB	PB163048TB	BM047404.D	2-Fluorophenol	150	147.03	98		10	139
			Phenol-d6	150	136.48	91		10	134
			Nitrobenzene-d5	100	96.66	97		49	133
			2-Fluorobiphenyl	100	94.93	95		52	132
			2,4,6-Tribromophenol	150	154.30	103		44	137
			Terphenyl-d14	100	92.13	92		48	125
PB163081BL	PB163081BL	BM047402.D	2-Fluorophenol	150	122.04	81		10	139
			Phenol-d6	150	114.65	76		10	134
			Nitrobenzene-d5	100	78.42	78		49	133
			2-Fluorobiphenyl	100	75.20	75		52	132
			2,4,6-Tribromophenol	150	123.02	82		44	137
			Terphenyl-d14	100	70.90	71		48	125
PB163081BS	PB163081BS	BM047403.D	2-Fluorophenol	150	140.42	94		10	139
			Phenol-d6	150	133.84	89		10	134
			Nitrobenzene-d5	100	89.93	90		49	133
			2-Fluorobiphenyl	100	90.43	90		52	132
			2,4,6-Tribromophenol	150	140.40	94		44	137
			Terphenyl-d14	100	97.00	97		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM083024

Lab Code: CHEM

SAS No.: BM083024 SDG NO.: BM083024

Lab File ID: BM047400.D

DFTPP Injection Date: 08/30/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.2
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	29.9
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	37.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	9.5
442	Greater than 50% of mass 198	61.5
443	15.0 - 24.0% of mass 442	12.2 (19.9) 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	BM047401.D	08/30/2024	11:28
PB163081BL	PB163081BL	BM047402.D	08/30/2024	12:07
PB163081BS	PB163081BS	BM047403.D	08/30/2024	12:47
PB163048TB	PB163048TB	BM047404.D	08/30/2024	13:27
WC-CMC-ESLAG-1	P3751-02	BM047405.D	08/30/2024	14:21
CHRT-24376	P3794-01	BM047406.D	08/30/2024	15:00
TEST-PITS-4	P3799-03	BM047407.D	08/30/2024	15:40
TEST-PITS-1-2	P3799-01	BM047408.D	08/30/2024	16:20
TEST-PITS-3	P3799-05	BM047409.D	08/30/2024	16:59
RBR20046	P3800-01	BM047410.D	08/30/2024	17:39
239	P3795-03	BM047411.D	08/30/2024	18:19
RT-857	P3794-03	BM047412.D	08/30/2024	18:59
RT-857MS	P3794-03MS	BM047413.D	08/30/2024	19:38
RT-857MSD	P3794-03MSD	BM047414.D	08/30/2024	20:18
207	P3797-01	BM047415.D	08/30/2024	20:58
RT2864	P3793-01	BM047416.D	08/30/2024	21:38
OR-02-082924	P3788-01	BM047417.D	08/30/2024	22:18