

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG No.: BF071924

Instrument ID: BNA_F Calibration Date/Time: 7/19/2024 1:09:18

Lab File ID: BF138578.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.898	0.946		5.345	
Pyridine	1.379	1.533		11.168	
2-Fluorophenol	1.263	1.329		5.226	
Benzaldehyde	0.899	0.896		-0.334	
Aniline	1.573	1.673		6.357	
Phenol-d6	1.680	1.782		6.071	
Phenol	1.783	1.903		6.73	20.0
bis(2-Chloroethyl) ether	1.343	1.401		4.319	
2-Chlorophenol	1.335	1.397		4.644	
1,2-Dichlorobenzene	1.420	1.428		0.563	
1,3-Dichlorobenzene	1.501	1.525		1.599	
1,4-Dichlorobenzene	1.524	1.533		0.591	20.0
Benzyl Alcohol	1.261	1.301		3.172	
2-Methylphenol	1.094	1.146		4.753	
2,2-oxybis(1-Chloropropane)	2.640	2.625		-0.568	
Acetophenone	0.486	0.479		-1.44	
3+4-Methylphenols	1.378	1.425		3.411	
n-Nitroso-di-n-propylamine	1.038	1.041	0.050	0.289	
Nitrobenzene-d5	0.407	0.413		1.474	
Hexachloroethane	0.560	0.583		4.107	
Nitrobenzene	0.414	0.421		1.691	
Isophorone	0.700	0.707		1.0	
2-Nitrophenol	0.177	0.183		3.39	20.0
2,4-Dimethylphenol	0.218	0.221		1.376	
bis(2-Chloroethoxy) methane	0.418	0.425		1.675	
2,4-Dichlorophenol	0.283	0.279		-1.413	20.0
1,2,4-Trichlorobenzene	0.330	0.313		-5.152	
Benzoic acid	0.208	0.203		-2.404	
Naphthalene	1.040	1.047		0.673	
4-Chloroaniline	0.365	0.358		-1.918	
Hexachlorobutadiene	0.203	0.186		-8.374	20.0
Caprolactam	0.091	0.097		6.593	
4-Chloro-3-methylphenol	0.317	0.320		0.946	20.0
2-Methylnaphthalene	0.669	0.655		-2.093	
Hexachlorocyclopentadiene	0.181	0.143	0.050	-20.994	
2,4,6-Trichlorophenol	0.356	0.349		-1.966	20.0
2-Fluorobiphenyl	1.280	1.238		-3.281	
2,4,5-Trichlorophenol	0.391	0.378		-3.325	
1,1-Biphenyl	1.516	1.511		-0.33	

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Instrument ID: BNA_F Calibration Date/Time: 7/19/2024 1:09:18

Lab File ID: BF138578.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.145	1.131		-1.223	
2-Nitroaniline	0.397	0.421		6.045	
Dimethylphthalate	1.293	1.279		-1.083	
Acenaphthylene	1.626	1.639		0.8	
2,6-Dinitrotoluene	0.298	0.301		1.007	
3-Nitroaniline	0.305	0.321		5.246	
Acenaphthene	1.081	1.105		2.22	20.0
2,4-Dinitrophenol	0.141	0.138	0.050	-2.128	
4-Nitrophenol	0.225	0.227	0.050	0.889	
Dibenzofuran	1.567	1.553		-0.893	
2,4-Dinitrotoluene	0.385	0.403		4.675	
Diethylphthalate	1.247	1.245		-0.16	
4-Chlorophenyl-phenylether	0.623	0.595		-4.494	
Fluorene	1.240	1.219		-1.694	
4-Nitroaniline	0.306	0.324		5.882	
4,6-Dinitro-2-methylphenol	0.115	0.121		5.217	
n-Nitrosodiphenylamine	0.599	0.590		-1.503	20.0
Azobenzene	1.340	1.350		0.746	
2,4,6-Tribromophenol	0.187	0.187		0.0	
4-Bromophenyl-phenylether	0.206	0.193		-6.311	
Hexachlorobenzene	0.228	0.223		-2.193	
Atrazine	0.199	0.158		-20.603	
Pentachlorophenol	0.135	0.130		-3.704	20.0
Phenanthrene	1.010	0.989		-2.079	
Anthracene	1.003	1.003		0.0	
Carbazole	0.901	0.921		2.22	
Di-n-butylphthalate	1.039	1.083		4.235	
Fluoranthene	1.031	1.060		2.813	20.0
Benzidine	0.505	0.519		2.772	
Pyrene	2.030	1.797		-11.478	
Terphenyl-d14	1.228	1.112		-9.446	
Butylbenzylphthalate	0.611	0.670		9.656	
3,3-Dichlorobenzidine	0.346	0.342		-1.156	
Benzo(a)anthracene	1.342	1.340		-0.149	
Chrysene	1.270	1.262		-0.63	
Bis(2-ethylhexyl)phthalate	0.651	0.773		18.74	
Di-n-octyl phthalate	1.029	1.059		2.915	20.0
Benzo(b)fluoranthene	1.126	1.191		5.773	
Benzo(k)fluoranthene	1.099	1.135		3.276	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG No.: BF071924
 Instrument ID: BNA_F Calibration Date/Time: 7/19/2024 1:09:18
 Lab File ID: BF138578.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.989	1.004		1.517	20.0
Indeno(1,2,3-cd)pyrene	1.343	1.281		-4.617	
Dibenzo(a,h)anthracene	1.099	1.033		-6.005	
Benzo(g,h,i)perylene	1.165	1.115		-4.292	
1,2,4,5-Tetrachlorobenzene	0.557	0.526		-5.566	
1,4-Dioxane	0.559	0.613		9.66	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.295		-4.531	
1-Methylnaphthalene	0.653	0.637		-2.45	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	PB162114BL	SDG No.:	BF071924
Lab Sample ID:	PB162114BL	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
BF138579.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	PB162114BL	SDG No.:	BF071924
Lab Sample ID:	PB162114BL	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
BF138579.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	PB162114BL	SDG No.:	BF071924
Lab Sample ID:	PB162114BL	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
BF138579.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	140.48		10-139		94	SPK: -150
13127-88-3	Phenol-d6	141.147		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	95.416		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	91.506		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	PB162114BL	SDG No.:	BF071924
Lab Sample ID:	PB162114BL	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
BF138579.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.283		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	89.917		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82982	6.857				
1146-65-2	Naphthalene-d8	336221	8.14				
15067-26-2	Acenaphthene-d10	182833	9.892				
1517-22-2	Phenanthrene-d10	324355	11.38				
1719-03-5	Chrysene-d12	209433	14.016				
1520-96-3	Perylene-d12	178011	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.6	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.3	A			5.104	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-03	SDG No.:	BF071924
Lab Sample ID:	P3246-12	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
BF138580.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-03	SDG No.:	BF071924
Lab Sample ID:	P3246-12	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
BF138580.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	27.1	J	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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-03	SDG No.:	BF071924
Lab Sample ID:	P3246-12	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
BF138580.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	126.044		10-139		84	SPK: -150
13127-88-3	Phenol-d6	121.833		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	95.744		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	89.916		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-03	SDG No.:	BF071924
Lab Sample ID:	P3246-12	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
BF138580.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.483		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	90.345		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77053	6.863				
1146-65-2	Naphthalene-d8	306640	8.139				
15067-26-2	Acenaphthene-d10	169418	9.892				
1517-22-2	Phenanthrene-d10	306599	11.38				
1719-03-5	Chrysene-d12	208511	14.016				
1520-96-3	Perylene-d12	127176	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-06	SDG No.:	BF071924
Lab Sample ID:	P3246-27	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
BF138581.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-06	SDG No.:	BF071924
Lab Sample ID:	P3246-27	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
BF138581.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	23	J	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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-06	SDG No.:	BF071924
Lab Sample ID:	P3246-27	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
BF138581.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	146.078		10-139		97	SPK: -150
13127-88-3	Phenol-d6	137.172		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	103.06		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	96.201		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-06	SDG No.:	BF071924
Lab Sample ID:	P3246-27	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
BF138581.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.246		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	94.228		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67048	6.857				
1146-65-2	Naphthalene-d8	272994	8.139				
15067-26-2	Acenaphthene-d10	150370	9.892				
1517-22-2	Phenanthrene-d10	278389	11.38				
1719-03-5	Chrysene-d12	196370	14.016				
1520-96-3	Perylene-d12	151041	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-22	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
BF138582.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-22	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
BF138582.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-22	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
BF138582.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	137.431		10-139		92	SPK: -150
13127-88-3	Phenol-d6	127.743		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	101.275		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	95.805		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-22	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
BF138582.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.446		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	92.186		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68211	6.857				
1146-65-2	Naphthalene-d8	272452	8.139				
15067-26-2	Acenaphthene-d10	147938	9.892				
1517-22-2	Phenanthrene-d10	272834	11.38				
1719-03-5	Chrysene-d12	197875	14.015				
1520-96-3	Perylene-d12	162390	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-04	SDG No.:	BF071924
Lab Sample ID:	P3246-17	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
BF138583.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-04	SDG No.:	BF071924
Lab Sample ID:	P3246-17	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
BF138583.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-04	SDG No.:	BF071924
Lab Sample ID:	P3246-17	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
BF138583.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	133.568		10-139		89	SPK: -150
13127-88-3	Phenol-d6	123.203		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	97.784		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	92.988		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-04	SDG No.:	BF071924
Lab Sample ID:	P3246-17	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
BF138583.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.684		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	90.241		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68231	6.857				
1146-65-2	Naphthalene-d8	274998	8.139				
15067-26-2	Acenaphthene-d10	149819	9.892				
1517-22-2	Phenanthrene-d10	276299	11.374				
1719-03-5	Chrysene-d12	197904	14.015				
1520-96-3	Perylene-d12	164350	15.48				

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	B-120-SB02	SDG No.:	BF071924
Lab Sample ID:	P3248-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138584.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	U	150	460	560	ug/Kg
110-86-1	Pyridine	140	U	140	220	290	ug/Kg
100-52-7	Benzaldehyde	310	U	310	460	560	ug/Kg
62-53-3	Aniline	160	U	160	220	290	ug/Kg
108-95-2	Phenol	140	U	140	220	290	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	290	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	220	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	U	150	220	290	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	460	560	ug/Kg
95-48-7	2-Methylphenol	140	U	140	220	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	220	290	ug/Kg
98-86-2	Acetophenone	150	U	150	220	290	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	460	560	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.3	U	68.3	140	140	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	290	ug/Kg
98-95-3	Nitrobenzene	150	U	150	220	290	ug/Kg
78-59-1	Isophorone	140	U	140	220	290	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	290	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	220	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	220	290	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	220	290	ug/Kg
65-85-0	Benzoic acid	400	U	400	460	560	ug/Kg
91-20-3	Naphthalene	140	U	140	220	290	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	290	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	B-120-SB02	SDG No.:	BF071924
Lab Sample ID:	P3248-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138584.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	U	150	460	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	290	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	460	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	220	290	ug/Kg
92-52-4	1,1-Biphenyl	150	U	150	220	290	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	290	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	290	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	290	ug/Kg
208-96-8	Acenaphthylene	150	U	150	220	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	290	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	290	ug/Kg
83-32-9	Acenaphthene	140	U	140	220	290	ug/Kg
Total PAH	Total PAH	2250	U	2250	220	4640	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	410	460	560	ug/Kg
100-02-7	4-Nitrophenol	200	U	200	460	560	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	220	290	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	290	U	290	220	580	ug/Kg
84-66-2	Diethylphthalate	140	U	140	220	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	220	290	ug/Kg
86-73-7	Fluorene	140	U	140	220	290	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	290	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	460	560	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	290	ug/Kg
103-33-3	Azobenzene	130	U	130	220	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	290	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	220	290	ug/Kg
1912-24-9	Atrazine	150	U	150	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	B-120-SB02	SDG No.:	BF071924
Lab Sample ID:	P3248-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138584.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	460	560	ug/Kg
85-01-8	Phenanthrene	140	U	140	220	290	ug/Kg
120-12-7	Anthracene	140	U	140	220	290	ug/Kg
86-74-8	Carbazole	140	U	140	220	290	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	290	ug/Kg
206-44-0	Fluoranthene	140	U	140	220	290	ug/Kg
92-87-5	Benzidine	280	U	280	460	560	ug/Kg
129-00-0	Pyrene	140	U	140	220	290	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	220	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	460	560	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	220	290	ug/Kg
218-01-9	Chrysene	130	U	130	220	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	220	290	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	460	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	220	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	220	290	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	220	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	220	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	220	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	220	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	220	290	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	220	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	220	290	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	290	290	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.168		18-112		64	SPK: -150
13127-88-3	Phenol-d6	97.488		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	61.214		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	61.577		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	7/13/2024 12:00:00 AM
Project:		Date Received:	7/13/2024 12:00:00 AM
Client Sample ID:	B-120-SB02	SDG No.:	BF071924
Lab Sample ID:	P3248-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138584.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.229		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	62.482		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66027	6.857				
1146-65-2	Naphthalene-d8	261785	8.139				
15067-26-2	Acenaphthene-d10	141716	9.892				
1517-22-2	Phenanthrene-d10	246741	11.38				
1719-03-5	Chrysene-d12	140623	14.016				
1520-96-3	Perylene-d12	161967	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5300	J			2.14	
004254-14-2	R-(-)-1,2-propanediol	300	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	330	A			5.075	
	unknown9.986	140	J			9.986	
000544-63-8	Tetradecanoic acid	340	J			11.904	
1000155-82-2	Bicyclo[10.8.0]eicosane, cis-	600	J			13.645	
000296-56-0	Cycloeicosane	850	J			13.857	
002400-66-0	Eicosanal-	450	J			14.298	
1000351-75-1	Tricosyl trifluoroacetate	450	J			14.492	
000638-66-4	Octadecanal	360	J			14.927	
000629-94-7	Heneicosane	120	J			15.121	
067860-04-2	Oxirane, heptadecyl-	210	J			15.704	
007390-81-0	Oxirane, hexadecyl-	190	J			16.733	
000083-46-5	.beta.-Sitosterol	1000	J			17.562	
021747-46-6	1H-Cycloprop[e]azulene, 1a,2,3,5,6	1600	J			17.862	
001617-70-5	Lup-20(29)-en-3-one	690	J			18.086	
058801-23-3	Hop-22(29)-en-3.beta.-ol	620	J			18.339	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MS	SDG No.:	BF071924
Lab Sample ID:	P3246-02MS	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
BF138585.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510		10.3	80	100	ug/L
110-86-1	Pyridine	340		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	250		16	40	50	ug/L
108-95-2	Phenol	470		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	530		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	460		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	560		16	80	100	ug/L
95-48-7	2-Methylphenol	540		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	540		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	420		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MS	SDG No.:	BF071924
Lab Sample ID:	P3246-02MS	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
BF138585.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	550		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	490		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	520		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	560		9.3	40	50	ug/L
208-96-8	Acenaphthylene	570		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	8710		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1000	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	990	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	500		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	560		15.2	40	50	ug/L
84-66-2	Diethylphthalate	570		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	540		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	510		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	610		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	560		8.9	40	50	ug/L
103-33-3	Azobenzene	570		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	530		11.4	40	50	ug/L
1912-24-9	Atrazine	420		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MS	SDG No.:	BF071924
Lab Sample ID:	P3246-02MS	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
BF138585.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	980	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	560		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	540		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	590		14.7	40	50	ug/L
206-44-0	Fluoranthene	520		12.9	40	50	ug/L
92-87-5	Benzidine	60.8	J	40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	630		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	750		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	740		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	540		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	540		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	570		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	550		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	510		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	420		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.97		10-139		87	SPK: -150
13127-88-3	Phenol-d6	125.78		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	93.271		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	91.796		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MS	SDG No.:	BF071924
Lab Sample ID:	P3246-02MS	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
BF138585.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.936		32-145		97	SPK: -150
1718-51-0	Terphenyl-d14	104.634		36-145		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73283	6.863				
1146-65-2	Naphthalene-d8	298003	8.14				
15067-26-2	Acenaphthene-d10	163255	9.898				
1517-22-2	Phenanthrene-d10	286796	11.38				
1719-03-5	Chrysene-d12	149356	14.022				
1520-96-3	Perylene-d12	170417	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-02MSD	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
BF138586.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	520		10.3	80	100	ug/L
110-86-1	Pyridine	370		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	270		16	40	50	ug/L
108-95-2	Phenol	490		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	540		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	550		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	580		16	80	100	ug/L
95-48-7	2-Methylphenol	550		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	550		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	540		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	480		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-02MSD	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
BF138586.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	550		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	480		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	560		9.3	40	50	ug/L
208-96-8	Acenaphthylene	580		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	540		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	8810		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	540		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	110		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	570		15.2	40	50	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	540		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	530		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	610		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	550		8.9	40	50	ug/L
103-33-3	Azobenzene	570		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	520		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		11.4	40	50	ug/L
1912-24-9	Atrazine	410		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-02MSD	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
BF138586.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	560		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	550		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	580		14.7	40	50	ug/L
206-44-0	Fluoranthene	530		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	660		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	350		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	580		9.4	40	50	ug/L
218-01-9	Chrysene	560		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	780		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	730		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	540		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	580		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	560		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	510		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	430		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.052		10-139		89	SPK: -150
13127-88-3	Phenol-d6	129.255		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	94.967		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	90.459		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-02MSD	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
BF138586.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.898		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	108.962		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71628	6.863				
1146-65-2	Naphthalene-d8	293898	8.139				
15067-26-2	Acenaphthene-d10	161564	9.898				
1517-22-2	Phenanthrene-d10	291130	11.38				
1719-03-5	Chrysene-d12	151731	14.021				
1520-96-3	Perylene-d12	166878	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-07	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
BF138587.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-07	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
BF138587.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-07	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
BF138587.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

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	147.922		10-139		99	SPK: -150
13127-88-3	Phenol-d6	139.332		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	98.515		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	100.244		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-07	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
BF138587.D	1	7/17/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	169.896		32-145		113	SPK: -150
1718-51-0	Terphenyl-d14	105.739		36-145		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64656	6.857				
1146-65-2	Naphthalene-d8	260603	8.139				
15067-26-2	Acenaphthene-d10	131520	9.892				
1517-22-2	Phenanthrene-d10	262585	11.374				
1719-03-5	Chrysene-d12	164621	14.01				
1520-96-3	Perylene-d12	56136	15.474				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01	SDG No.:	BF071924
Lab Sample ID:	P3246-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.3
Sample Wt/Vol:	30.04 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
BF138588.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	420	520	ug/Kg
110-86-1	Pyridine	130	U	130	200	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	420	520	ug/Kg
62-53-3	Aniline	150	U	150	200	270	ug/Kg
108-95-2	Phenol	130	U	130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	270	ug/Kg
98-86-2	Acetophenone	140	U	140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	420	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.2	U	63.2	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	270	ug/Kg
78-59-1	Isophorone	130	U	130	200	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	270	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	520	ug/Kg
91-20-3	Naphthalene	130	U	130	200	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	270	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01	SDG No.:	BF071924
Lab Sample ID:	P3246-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.3
Sample Wt/Vol:	30.04 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
BF138588.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	420	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	420	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	270	ug/Kg
Total PAH	Total PAH	2090	U	2090	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	200	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	200	270	ug/Kg
84-66-2	Diethylphthalate	130	U	130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	270	ug/Kg
86-73-7	Fluorene	130	U	130	200	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	270	ug/Kg
103-33-3	Azobenzene	120	U	120	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	270	ug/Kg
1912-24-9	Atrazine	140	U	140	200	270	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01	SDG No.:	BF071924
Lab Sample ID:	P3246-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.3
Sample Wt/Vol:	30.04 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
BF138588.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	520	ug/Kg
85-01-8	Phenanthrene	130	U	130	200	270	ug/Kg
120-12-7	Anthracene	130	U	130	200	270	ug/Kg
86-74-8	Carbazole	130	U	130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	270	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	270	ug/Kg
92-87-5	Benzidine	260	U	260	420	520	ug/Kg
129-00-0	Pyrene	130	U	130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	420	520	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	200	270	ug/Kg
218-01-9	Chrysene	120	U	120	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	200	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.293		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.28		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	62.039		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	57.895		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-01	SDG No.:	BF071924
Lab Sample ID:	P3246-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.3
Sample Wt/Vol:	30.04 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
BF138588.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.629		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	58.581		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66616	6.857				
1146-65-2	Naphthalene-d8	261023	8.139				
15067-26-2	Acenaphthene-d10	142257	9.892				
1517-22-2	Phenanthrene-d10	266445	11.375				
1719-03-5	Chrysene-d12	161842	14.01				
1520-96-3	Perylene-d12	157991	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4300	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	A			5.075	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.451	
	unknown9.986	100	J			9.986	
000057-10-3	n-Hexadecanoic acid	300	J			11.898	
1010309-70-5	Oxalic acid, cyclobutyl pentadecyl	330	J			13.857	



Client:				Date Collected:	7/12/2024 12:00:00 AM	
Project:				Date Received:	7/12/2024 12:00:00 AM	
Client Sample ID:	WC-CTW2-BL-02			SDG No.:	BF071924	
Lab Sample ID:	P3246-06			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	20.6	
Sample Wt/Vol:	30.09	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
BF138589.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.6	U	50.6	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.8	U	94.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.09 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
BF138589.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.3	U	97.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.7	U	89.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.9	U	92.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1657.9	U	1657.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	410	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.1	U	99.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.09	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
BF138589.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.1	U	97.1	340	410	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99.8	U	99.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.1	U	98.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.8	U	93.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.623		18-112		83	SPK: -150
13127-88-3	Phenol-d6	128.246		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	82.382		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.554		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02	SDG No.:	BF071924
Lab Sample ID:	P3246-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.09 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
BF138589.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.782		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	83.654		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65893	6.857				
1146-65-2	Naphthalene-d8	262004	8.139				
15067-26-2	Acenaphthene-d10	144879	9.892				
1517-22-2	Phenanthrene-d10	265707	11.38				
1719-03-5	Chrysene-d12	156082	14.015				
1520-96-3	Perylene-d12	162103	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4400	J			2.152	
004254-15-3	(S)-(+)-1,2-Propanediol	220	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A			5.081	
	unknown9.986	130	J			9.986	
000057-10-3	n-Hexadecanoic acid	250	J			11.904	
1010351-87-0	Heptadecyl trifluoroacetate	380	J			13.857	
1000351-74-9	Octacosyl trifluoroacetate	140	J			14.486	
000630-02-4	Octacosane	84.5	J			15.121	

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MS	SDG No.:	BF071924
Lab Sample ID:	P3246-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138590.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2300		110	340	420	ug/Kg
110-86-1	Pyridine	1800		100	160	210	ug/Kg
100-52-7	Benzaldehyde	330	J	230	340	420	ug/Kg
62-53-3	Aniline	1700		120	160	210	ug/Kg
108-95-2	Phenol	2300		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	160	210	ug/Kg
95-57-8	2-Chlorophenol	2300		110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2400		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2200		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	160	210	ug/Kg
98-86-2	Acetophenone	1900		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2300		100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2300		50.7	100	100	ug/Kg
67-72-1	Hexachloroethane	2100		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2000		110	160	210	ug/Kg
78-59-1	Isophorone	2200		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2200		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		95	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	1900		300	340	420	ug/Kg
91-20-3	Naphthalene	2100		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1000		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		100	160	210	ug/Kg



Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM	
Project:				Date Received:	7/12/2024 12:00:00 AM	
Client Sample ID:	WC-CTW2-BL-02MS			SDG No.:	BF071924	
Lab Sample ID:	P3246-06MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	20.6	
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138590.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2200		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		97.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2100		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		89.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		93.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2000		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2100		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2300		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1500		110	160	210	ug/Kg
83-32-9	Acenaphthene	2100		100	160	210	ug/Kg
Total PAH	Total PAH	34100		1658.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	4300	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	2100		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4300		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2100		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	160	210	ug/Kg
86-73-7	Fluorene	2100		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2200		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		100	160	210	ug/Kg
103-33-3	Azobenzene	2200		100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		99.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2000		110	160	210	ug/Kg
1912-24-9	Atrazine	2000		120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MS	SDG No.:	BF071924
Lab Sample ID:	P3246-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138590.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	97.3	340	420	ug/Kg
85-01-8	Phenanthrene	2200		110	160	210	ug/Kg
120-12-7	Anthracene	2200		110	160	210	ug/Kg
86-74-8	Carbazole	2100		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2200		110	160	210	ug/Kg
206-44-0	Fluoranthene	2000		100	160	210	ug/Kg
92-87-5	Benzidine	820		210	340	420	ug/Kg
129-00-0	Pyrene	2000		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2500		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	160	210	ug/Kg
218-01-9	Chrysene	2200		100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		98.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1900		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		94	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1900		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.367		18-112		76	SPK: -150
13127-88-3	Phenol-d6	119.573		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	73.502		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	69.581		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MS	SDG No.:	BF071924
Lab Sample ID:	P3246-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138590.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.755		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	79.46		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77647	6.857				
1146-65-2	Naphthalene-d8	323301	8.139				
15067-26-2	Acenaphthene-d10	178986	9.898				
1517-22-2	Phenanthrene-d10	309299	11.38				
1719-03-5	Chrysene-d12	154688	14.021				
1520-96-3	Perylene-d12	174593	15.48				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.04 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
BF138591.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2200		110	340	420	ug/Kg
110-86-1	Pyridine	1800		100	160	210	ug/Kg
100-52-7	Benzaldehyde	330	J	230	340	420	ug/Kg
62-53-3	Aniline	1700		120	160	210	ug/Kg
108-95-2	Phenol	2300		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	160	210	ug/Kg
95-57-8	2-Chlorophenol	2300		110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2300		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2200		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		110	160	210	ug/Kg
98-86-2	Acetophenone	1900		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2200		100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2200		50.7	100	100	ug/Kg
67-72-1	Hexachloroethane	2100		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2000		110	160	210	ug/Kg
78-59-1	Isophorone	2100		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2200		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		95	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	1800		300	340	420	ug/Kg
91-20-3	Naphthalene	2100		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	1100		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.04 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
BF138591.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2200		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		97.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2000		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		89.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		93.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2000		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2200		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2300		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1600		110	160	210	ug/Kg
83-32-9	Acenaphthene	2200		100	160	210	ug/Kg
Total PAH	Total PAH	33800		1658.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	4300	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	2100		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4300		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2200		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	160	210	ug/Kg
86-73-7	Fluorene	2100		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2200		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		100	160	210	ug/Kg
103-33-3	Azobenzene	2200		100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		99.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2000		110	160	210	ug/Kg
1912-24-9	Atrazine	2000		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.04 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
BF138591.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	97.2	340	420	ug/Kg
85-01-8	Phenanthrene	2100		110	160	210	ug/Kg
120-12-7	Anthracene	2200		110	160	210	ug/Kg
86-74-8	Carbazole	2100		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2200		110	160	210	ug/Kg
206-44-0	Fluoranthene	1900		100	160	210	ug/Kg
92-87-5	Benzidine	890		210	340	420	ug/Kg
129-00-0	Pyrene	2000		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2500		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	160	210	ug/Kg
218-01-9	Chrysene	2100		100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		98.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1900		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		94	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1900		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.706		18-112		76	SPK: -150
13127-88-3	Phenol-d6	116.941		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	72.443		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.211		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-02MSD	SDG No.:	BF071924
Lab Sample ID:	P3246-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.04 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
BF138591.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.802		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	78.916		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78900	6.857				
1146-65-2	Naphthalene-d8	331750	8.139				
15067-26-2	Acenaphthene-d10	179702	9.898				
1517-22-2	Phenanthrene-d10	316038	11.386				
1719-03-5	Chrysene-d12	155523	14.021				
1520-96-3	Perylene-d12	181335	15.486				



Client:				Date Collected:	7/12/2024 12:00:00 AM	
Project:				Date Received:	7/12/2024 12:00:00 AM	
Client Sample ID:	WC-CTW2-BL-05			SDG No.:	BF071924	
Lab Sample ID:	P3246-21			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21.6	
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138592.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.3	U	51.3	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138592.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.6	U	98.6	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.8	U	90.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.1	U	94.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.4	U	1689.4	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138592.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.3	U	98.3	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.4	U	99.4	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95	U	95	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.593		18-112		91	SPK: -150
13127-88-3	Phenol-d6	140.825		15-107		94	SPK: -150
4165-60-0	Nitrobenzene-d5	91.521		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	84.251		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	WC-CTW2-BL-05	SDG No.:	BF071924
Lab Sample ID:	P3246-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138592.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.62		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	95.111		14-112		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69560	6.857				
1146-65-2	Naphthalene-d8	276064	8.139				
15067-26-2	Acenaphthene-d10	151592	9.892				
1517-22-2	Phenanthrene-d10	280217	11.374				
1719-03-5	Chrysene-d12	151812	14.009				
1520-96-3	Perylene-d12	158019	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5300	J			2.163	
000057-55-6	Propylene Glycol	320	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	380	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	92.4	J			8.451	
	unknown9.986	140	J			9.986	
000057-10-3	n-Hexadecanoic acid	270	J			11.898	
000119-47-1	Phenol, 2,2-methylenebis[6-(1,1-d	450	J			13.633	
074339-54-1	Trichloroacetic acid, hexadecyl es	430	J			13.857	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	130	J			14.48	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MS	SDG No.:	BF071924
Lab Sample ID:	P3193-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138593.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		96.2	300	370	ug/Kg
110-86-1	Pyridine	1800		88.5	140	190	ug/Kg
100-52-7	Benzaldehyde	360	J	200	300	370	ug/Kg
62-53-3	Aniline	1800		110	140	190	ug/Kg
108-95-2	Phenol	2200		91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		92.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	2200		92.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		93.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		95.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		95.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	2200		92	300	370	ug/Kg
95-48-7	2-Methylphenol	2100		89.3	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		100	140	190	ug/Kg
98-86-2	Acetophenone	1800		96.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	2100		88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	2000		92	140	190	ug/Kg
98-95-3	Nitrobenzene	1900		100	140	190	ug/Kg
78-59-1	Isophorone	2100		93.7	140	190	ug/Kg
88-75-5	2-Nitrophenol	2100		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		95.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		94.6	140	190	ug/Kg
65-85-0	Benzoic acid	1700		260	300	370	ug/Kg
91-20-3	Naphthalene	2000		91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	1300		91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		92.3	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MS	SDG No.:	BF071924
Lab Sample ID:	P3193-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138593.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2000		96.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		85.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	2000		91.4	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		82	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		96.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	2000		92.3	140	190	ug/Kg
88-74-4	2-Nitroaniline	2200		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	2100		90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	2200		95.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		92.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	1700		98.8	140	190	ug/Kg
83-32-9	Acenaphthene	2000		89.9	140	190	ug/Kg
Total PAH	Total PAH	32400		1465.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	4000	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	2000		93.5	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4100		187.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		95.5	140	190	ug/Kg
84-66-2	Diethylphthalate	2100		88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		94.8	140	190	ug/Kg
86-73-7	Fluorene	2000		94.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	2200		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		90.4	140	190	ug/Kg
103-33-3	Azobenzene	2200		88.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		94.2	140	190	ug/Kg
1912-24-9	Atrazine	1900		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MS	SDG No.:	BF071924
Lab Sample ID:	P3193-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138593.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	2100		93.1	140	190	ug/Kg
120-12-7	Anthracene	2100		93.5	140	190	ug/Kg
86-74-8	Carbazole	2000		89	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	2200		93.4	140	190	ug/Kg
206-44-0	Fluoranthene	1900		90.5	140	190	ug/Kg
92-87-5	Benzidine	1500		180	300	370	ug/Kg
129-00-0	Pyrene	1900		92	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2400		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2100		89.4	140	190	ug/Kg
218-01-9	Chrysene	2100		88.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2800		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		89.9	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		90	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		96.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	1700		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		82.8	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1900		92.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.58		18-112		78	SPK: -150
13127-88-3	Phenol-d6	121.508		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	78.061		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	75.939		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MS	SDG No.:	BF071924
Lab Sample ID:	P3193-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138593.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.593		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	86.959		14-112		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68740	6.857				
1146-65-2	Naphthalene-d8	284013	8.139				
15067-26-2	Acenaphthene-d10	155546	9.898				
1517-22-2	Phenanthrene-d10	276793	11.38				
1719-03-5	Chrysene-d12	142754	14.021				
1520-96-3	Perylene-d12	163501	15.48				

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MSD	SDG No.:	BF071924
Lab Sample ID:	P3193-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138594.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		96.2	300	370	ug/Kg
110-86-1	Pyridine	1800		88.5	140	190	ug/Kg
100-52-7	Benzaldehyde	360	J	200	300	370	ug/Kg
62-53-3	Aniline	1900		110	140	190	ug/Kg
108-95-2	Phenol	2200		91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		92.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	2200		92.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		93.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		95.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		95.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	2200		92	300	370	ug/Kg
95-48-7	2-Methylphenol	2100		89.3	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		100	140	190	ug/Kg
98-86-2	Acetophenone	1800		96.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	2100		88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	2000		92	140	190	ug/Kg
98-95-3	Nitrobenzene	1900		100	140	190	ug/Kg
78-59-1	Isophorone	2100		93.7	140	190	ug/Kg
88-75-5	2-Nitrophenol	2100		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		95.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		94.6	140	190	ug/Kg
65-85-0	Benzoic acid	1800		260	300	370	ug/Kg
91-20-3	Naphthalene	2000		91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	1400		91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		92.3	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MSD	SDG No.:	BF071924
Lab Sample ID:	P3193-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138594.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		96.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		85.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	2000		91.4	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		82	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		96.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	2000		92.3	140	190	ug/Kg
88-74-4	2-Nitroaniline	2200		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	2100		90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	2200		95.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		92.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	1700		98.8	140	190	ug/Kg
83-32-9	Acenaphthene	2000		89.9	140	190	ug/Kg
Total PAH	Total PAH	32400		1465.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	4100	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	2100		93.5	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4100		187.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		95.5	140	190	ug/Kg
84-66-2	Diethylphthalate	2100		88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		94.8	140	190	ug/Kg
86-73-7	Fluorene	2000		94.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	2200		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		90.4	140	190	ug/Kg
103-33-3	Azobenzene	2200		88.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	2000		94.2	140	190	ug/Kg
1912-24-9	Atrazine	1900		100	140	190	ug/Kg



Client:				Date Collected:	7/10/2024 12:00:00 AM	
Project:				Date Received:	7/10/2024 12:00:00 AM	
Client Sample ID:	FILL-MATERIAL-1MSD			SDG No.:	BF071924	
Lab Sample ID:	P3193-02MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.8	
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138594.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	2100		93.1	140	190	ug/Kg
120-12-7	Anthracene	2100		93.5	140	190	ug/Kg
86-74-8	Carbazole	2000		89	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	2200		93.4	140	190	ug/Kg
206-44-0	Fluoranthene	1900		90.5	140	190	ug/Kg
92-87-5	Benzidine	1700		180	300	370	ug/Kg
129-00-0	Pyrene	1900		92	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2400		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2100		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2100		89.4	140	190	ug/Kg
218-01-9	Chrysene	2000		88.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2800		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		89.9	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		90	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		96.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	1800		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		82.8	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1900		92.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.585		18-112		78	SPK: -150
13127-88-3	Phenol-d6	121.455		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	78.152		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	76.343		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	FILL-MATERIAL-1MSD	SDG No.:	BF071924
Lab Sample ID:	P3193-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138594.D	1	7/11/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.143		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	87.014		14-112		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76436	6.857				
1146-65-2	Naphthalene-d8	314922	8.139				
15067-26-2	Acenaphthene-d10	171964	9.898				
1517-22-2	Phenanthrene-d10	306242	11.38				
1719-03-5	Chrysene-d12	154571	14.021				
1520-96-3	Perylene-d12	173141	15.48				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138595.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.4	U	53.4	170	200	ug/Kg
110-86-1	Pyridine	49.2	U	49.2	80	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.7	U	59.7	80	100	ug/Kg
108-95-2	Phenol	51	U	51	80	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.5	U	51.5	80	100	ug/Kg
95-57-8	2-Chlorophenol	51.4	U	51.4	80	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.1	U	52.1	80	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	52.9	U	52.9	80	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.3	U	53.3	80	100	ug/Kg
100-51-6	Benzyl Alcohol	51.1	U	51.1	170	200	ug/Kg
95-48-7	2-Methylphenol	49.6	U	49.6	80	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	56	80	100	ug/Kg
98-86-2	Acetophenone	53.5	U	53.5	80	100	ug/Kg
65794-96-9	3+4-Methylphenols	49.1	U	49.1	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.8	U	24.8	49.3	49.3	ug/Kg
67-72-1	Hexachloroethane	51.1	U	51.1	80	100	ug/Kg
98-95-3	Nitrobenzene	55.9	U	55.9	80	100	ug/Kg
78-59-1	Isophorone	52.1	U	52.1	80	100	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	80	100	ug/Kg
105-67-9	2,4-Dimethylphenol	57.4	U	57.4	80	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.8	U	52.8	80	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.5	U	46.5	80	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	80	100	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	50.9	U	50.9	80	100	ug/Kg
106-47-8	4-Chloroaniline	50.9	U	50.9	80	100	ug/Kg
87-68-3	Hexachlorobutadiene	51.3	U	51.3	80	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138595.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.4	U	53.4	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.7	U	47.7	80	100	ug/Kg
91-57-6	2-Methylnaphthalene	50.8	U	50.8	80	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44	U	44	80	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.6	U	45.6	80	100	ug/Kg
92-52-4	1,1-Biphenyl	53.8	U	53.8	80	100	ug/Kg
91-58-7	2-Chloronaphthalene	51.3	U	51.3	80	100	ug/Kg
88-74-4	2-Nitroaniline	58.5	U	58.5	80	100	ug/Kg
131-11-3	Dimethylphthalate	50.3	U	50.3	80	100	ug/Kg
208-96-8	Acenaphthylene	53.3	U	53.3	80	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.2	U	51.2	80	100	ug/Kg
99-09-2	3-Nitroaniline	54.9	U	54.9	80	100	ug/Kg
83-32-9	Acenaphthene	49.9	U	49.9	80	100	ug/Kg
Total PAH	Total PAH	815.9	U	815.9	80	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.4	U	71.4	170	200	ug/Kg
132-64-9	Dibenzofuran	52	U	52	80	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.1	U	53.1	80	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.3	U	104.3	80	200	ug/Kg
84-66-2	Diethylphthalate	49.3	U	49.3	80	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.7	U	52.7	80	100	ug/Kg
86-73-7	Fluorene	52.6	U	52.6	80	100	ug/Kg
100-01-6	4-Nitroaniline	65.9	U	65.9	80	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72	U	72	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.2	U	50.2	80	100	ug/Kg
103-33-3	Azobenzene	49	U	49	80	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.6	U	48.6	80	100	ug/Kg
118-74-1	Hexachlorobenzene	52.3	U	52.3	80	100	ug/Kg
1912-24-9	Atrazine	56.3	U	56.3	80	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138595.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.6	U	47.6	170	200	ug/Kg
85-01-8	Phenanthrene	51.7	U	51.7	80	100	ug/Kg
120-12-7	Anthracene	52	U	52	80	100	ug/Kg
86-74-8	Carbazole	49.4	U	49.4	80	100	ug/Kg
84-74-2	Di-n-butylphthalate	51.9	U	51.9	80	100	ug/Kg
206-44-0	Fluoranthene	50.3	U	50.3	80	100	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	51.1	U	51.1	80	100	ug/Kg
85-68-7	Butylbenzylphthalate	59.6	U	59.6	80	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.7	U	60.7	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	49.7	U	49.7	80	100	ug/Kg
218-01-9	Chrysene	48.9	U	48.9	80	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	80	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67.7	U	67.7	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	49.9	U	49.9	80	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	50.9	U	50.9	80	100	ug/Kg
50-32-8	Benzo(a)pyrene	57.3	U	57.3	80	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.1	U	48.1	80	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	80	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.3	U	49.3	80	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.4	U	53.4	80	100	ug/Kg
123-91-1	1,4-Dioxane	67.7	U	67.7	80	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	80	100	ug/Kg
90-12-0	1-Methylnaphthalene	51.2	U	51.2	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.611		18-112		74	SPK: -150
13127-88-3	Phenol-d6	115.56		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	75.721		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	78.382		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138595.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.062		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	67.718		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75017	6.857				
1146-65-2	Naphthalene-d8	300113	8.14				
15067-26-2	Acenaphthene-d10	152416	9.892				
1517-22-2	Phenanthrene-d10	224141	11.375				
1719-03-5	Chrysene-d12	148002	14.01				
1520-96-3	Perylene-d12	145852	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.146	
	unknown3.375	68.1	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.081	
000770-35-4	1-Phenoxypropan-2-ol	53.8	J			8.451	
	unknown9.986	58.1	J			9.986	
000057-10-3	n-Hexadecanoic acid	120	J			11.898	
006385-15-5	Heptafluorobutyric acid, hexadecyl	150	J			13.857	

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MS	SDG No.:	BF071924
Lab Sample ID:	P3294-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138596.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		53.5	170	200	ug/Kg
110-86-1	Pyridine	980		49.2	80.1	100	ug/Kg
100-52-7	Benzaldehyde	150	J	110	170	200	ug/Kg
62-53-3	Aniline	700		59.7	80.1	100	ug/Kg
108-95-2	Phenol	1100		51.1	80.1	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		51.6	80.1	100	ug/Kg
95-57-8	2-Chlorophenol	1100		51.5	80.1	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		52.1	80.1	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		53	80.1	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		53.3	80.1	100	ug/Kg
100-51-6	Benzyl Alcohol	1100		51.2	170	200	ug/Kg
95-48-7	2-Methylphenol	1100		49.7	80.1	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		56	80.1	100	ug/Kg
98-86-2	Acetophenone	990		53.6	80.1	100	ug/Kg
65794-96-9	3+4-Methylphenols	1100		49.2	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		24.8	49.3	49.3	ug/Kg
67-72-1	Hexachloroethane	1000		51.2	80.1	100	ug/Kg
98-95-3	Nitrobenzene	1000		56	80.1	100	ug/Kg
78-59-1	Isophorone	1100		52.1	80.1	100	ug/Kg
88-75-5	2-Nitrophenol	1100		58.2	80.1	100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		57.4	80.1	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		52.9	80.1	100	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		46.5	80.1	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		52.6	80.1	100	ug/Kg
65-85-0	Benzoic acid	920		150	170	200	ug/Kg
91-20-3	Naphthalene	1000		50.9	80.1	100	ug/Kg
106-47-8	4-Chloroaniline	320		50.9	80.1	100	ug/Kg
87-68-3	Hexachlorobutadiene	900		51.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MS	SDG No.:	BF071924
Lab Sample ID:	P3294-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138596.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		53.5	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		47.8	80.1	100	ug/Kg
91-57-6	2-Methylnaphthalene	1000		50.8	80.1	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	E	96.1	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44	80.1	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		45.6	80.1	100	ug/Kg
92-52-4	1,1-Biphenyl	1000		53.9	80.1	100	ug/Kg
91-58-7	2-Chloronaphthalene	1100		51.3	80.1	100	ug/Kg
88-74-4	2-Nitroaniline	1200		58.5	80.1	100	ug/Kg
131-11-3	Dimethylphthalate	1100		50.4	80.1	100	ug/Kg
208-96-8	Acenaphthylene	1200		53.3	80.1	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		51.3	80.1	100	ug/Kg
99-09-2	3-Nitroaniline	750		55	80.1	100	ug/Kg
83-32-9	Acenaphthene	1100		50	80.1	100	ug/Kg
Total PAH	Total PAH	16460		816.7	80.1	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	1900	E	71.5	170	200	ug/Kg
132-64-9	Dibenzofuran	1100		52	80.1	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		104.4	80.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		53.1	80.1	100	ug/Kg
84-66-2	Diethylphthalate	1100		49.4	80.1	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		52.8	80.1	100	ug/Kg
86-73-7	Fluorene	1000		52.7	80.1	100	ug/Kg
100-01-6	4-Nitroaniline	990		65.9	80.1	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		72.1	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		50.3	80.1	100	ug/Kg
103-33-3	Azobenzene	1100		49.1	80.1	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		48.6	80.1	100	ug/Kg
118-74-1	Hexachlorobenzene	1100		52.4	80.1	100	ug/Kg
1912-24-9	Atrazine	1100		56.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MS	SDG No.:	BF071924
Lab Sample ID:	P3294-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138596.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	47.6	170	200	ug/Kg
85-01-8	Phenanthrene	1100		51.8	80.1	100	ug/Kg
120-12-7	Anthracene	1100		52	80.1	100	ug/Kg
86-74-8	Carbazole	1100		49.5	80.1	100	ug/Kg
84-74-2	Di-n-butylphthalate	1200		52	80.1	100	ug/Kg
206-44-0	Fluoranthene	1000		50.4	80.1	100	ug/Kg
92-87-5	Benzidine	880		100	170	200	ug/Kg
129-00-0	Pyrene	800		51.2	80.1	100	ug/Kg
85-68-7	Butylbenzylphthalate	1100		59.7	80.1	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		60.8	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	1100		49.7	80.1	100	ug/Kg
218-01-9	Chrysene	1100		49	80.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		56.1	80.1	100	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		67.8	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		50	80.1	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		50.9	80.1	100	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.3	80.1	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		48.1	80.1	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850		50	80.1	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		49.4	80.1	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		53.5	80.1	100	ug/Kg
123-91-1	1,4-Dioxane	950		67.8	80.1	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		46	80.1	100	ug/Kg
90-12-0	1-Methylnaphthalene	950		51.3	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.077		18-112		75	SPK: -150
13127-88-3	Phenol-d6	114.701		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.055		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	81.928		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MS	SDG No.:	BF071924
Lab Sample ID:	P3294-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138596.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.575		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	71.015		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81785	6.857				
1146-65-2	Naphthalene-d8	317613	8.145				
15067-26-2	Acenaphthene-d10	155151	9.898				
1517-22-2	Phenanthrene-d10	227102	11.38				
1719-03-5	Chrysene-d12	148886	14.021				
1520-96-3	Perylene-d12	129381	15.48				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MSD	SDG No.:	BF071924
Lab Sample ID:	P3294-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138597.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		53.5	170	200	ug/Kg
110-86-1	Pyridine	970		49.2	80.1	100	ug/Kg
100-52-7	Benzaldehyde	150	J	110	170	200	ug/Kg
62-53-3	Aniline	690		59.7	80.1	100	ug/Kg
108-95-2	Phenol	1100		51.1	80.1	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		51.6	80.1	100	ug/Kg
95-57-8	2-Chlorophenol	1100		51.4	80.1	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		52.1	80.1	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		53	80.1	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		53.3	80.1	100	ug/Kg
100-51-6	Benzyl Alcohol	1100		51.1	170	200	ug/Kg
95-48-7	2-Methylphenol	1000		49.7	80.1	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		56	80.1	100	ug/Kg
98-86-2	Acetophenone	990		53.5	80.1	100	ug/Kg
65794-96-9	3+4-Methylphenols	1100		49.2	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		24.8	49.3	49.3	ug/Kg
67-72-1	Hexachloroethane	1000		51.1	80.1	100	ug/Kg
98-95-3	Nitrobenzene	1000		55.9	80.1	100	ug/Kg
78-59-1	Isophorone	1100		52.1	80.1	100	ug/Kg
88-75-5	2-Nitrophenol	1100		58.2	80.1	100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		57.4	80.1	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		52.9	80.1	100	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		46.5	80.1	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		52.6	80.1	100	ug/Kg
65-85-0	Benzoic acid	930		150	170	200	ug/Kg
91-20-3	Naphthalene	1000		50.9	80.1	100	ug/Kg
106-47-8	4-Chloroaniline	330		50.9	80.1	100	ug/Kg
87-68-3	Hexachlorobutadiene	920		51.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MSD	SDG No.:	BF071924
Lab Sample ID:	P3294-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138597.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	980		53.5	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		47.8	80.1	100	ug/Kg
91-57-6	2-Methylnaphthalene	990		50.8	80.1	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		96.1	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44	80.1	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		45.6	80.1	100	ug/Kg
92-52-4	1,1-Biphenyl	1000		53.9	80.1	100	ug/Kg
91-58-7	2-Chloronaphthalene	1000		51.3	80.1	100	ug/Kg
88-74-4	2-Nitroaniline	1100		58.5	80.1	100	ug/Kg
131-11-3	Dimethylphthalate	1100		50.3	80.1	100	ug/Kg
208-96-8	Acenaphthylene	1100		53.3	80.1	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		51.3	80.1	100	ug/Kg
99-09-2	3-Nitroaniline	730		55	80.1	100	ug/Kg
83-32-9	Acenaphthene	1100		50	80.1	100	ug/Kg
Total PAH	Total PAH	16220		816.5	80.1	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	1700	E	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	1800	E	71.5	170	200	ug/Kg
132-64-9	Dibenzofuran	1000		52	80.1	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		53.1	80.1	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		104.4	80.1	200	ug/Kg
84-66-2	Diethylphthalate	1100		49.4	80.1	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		52.7	80.1	100	ug/Kg
86-73-7	Fluorene	970		52.7	80.1	100	ug/Kg
100-01-6	4-Nitroaniline	930		65.9	80.1	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		72.1	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		50.3	80.1	100	ug/Kg
103-33-3	Azobenzene	1000		49	80.1	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		48.6	80.1	100	ug/Kg
118-74-1	Hexachlorobenzene	1100		52.4	80.1	100	ug/Kg
1912-24-9	Atrazine	1100		56.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MSD	SDG No.:	BF071924
Lab Sample ID:	P3294-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138597.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	47.6	170	200	ug/Kg
85-01-8	Phenanthrene	1100		51.8	80.1	100	ug/Kg
120-12-7	Anthracene	1100		52	80.1	100	ug/Kg
86-74-8	Carbazole	1100		49.5	80.1	100	ug/Kg
84-74-2	Di-n-butylphthalate	1200		51.9	80.1	100	ug/Kg
206-44-0	Fluoranthene	1000		50.3	80.1	100	ug/Kg
92-87-5	Benzidine	1000		100	170	200	ug/Kg
129-00-0	Pyrene	820		51.1	80.1	100	ug/Kg
85-68-7	Butylbenzylphthalate	1200		59.6	80.1	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880		60.8	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	1100		49.7	80.1	100	ug/Kg
218-01-9	Chrysene	1100		49	80.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		56.1	80.1	100	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		67.8	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		50	80.1	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		50.9	80.1	100	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.3	80.1	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		48.1	80.1	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	870		50	80.1	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		49.4	80.1	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	970		53.5	80.1	100	ug/Kg
123-91-1	1,4-Dioxane	930		67.8	80.1	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970		46	80.1	100	ug/Kg
90-12-0	1-Methylnaphthalene	930		51.3	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.653		18-112		75	SPK: -150
13127-88-3	Phenol-d6	113.905		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	77.45		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	79.059		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-1-071724MSD	SDG No.:	BF071924
Lab Sample ID:	P3294-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF138597.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.723		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	73.656		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81966	6.857				
1146-65-2	Naphthalene-d8	319145	8.145				
15067-26-2	Acenaphthene-d10	159516	9.898				
1517-22-2	Phenanthrene-d10	227088	11.38				
1719-03-5	Chrysene-d12	148124	14.021				
1520-96-3	Perylene-d12	124759	15.48				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-3-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138598.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.1	U	54.1	170	210	ug/Kg
110-86-1	Pyridine	49.8	U	49.8	81.1	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.4	U	60.4	81.1	110	ug/Kg
108-95-2	Phenol	51.7	U	51.7	81.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.2	U	52.2	81.1	110	ug/Kg
95-57-8	2-Chlorophenol	52.1	U	52.1	81.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.8	U	52.8	81.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.6	U	53.6	81.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.9	U	53.9	81.1	110	ug/Kg
100-51-6	Benzyl Alcohol	51.8	U	51.8	170	210	ug/Kg
95-48-7	2-Methylphenol	50.3	U	50.3	81.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	81.1	110	ug/Kg
98-86-2	Acetophenone	54.2	U	54.2	81.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.8	U	49.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.1	U	25.1	49.9	49.9	ug/Kg
67-72-1	Hexachloroethane	51.8	U	51.8	81.1	110	ug/Kg
98-95-3	Nitrobenzene	56.6	U	56.6	81.1	110	ug/Kg
78-59-1	Isophorone	52.8	U	52.8	81.1	110	ug/Kg
88-75-5	2-Nitrophenol	58.9	U	58.9	81.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.1	U	58.1	81.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.5	U	53.5	81.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.1	U	47.1	81.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.3	U	53.3	81.1	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.5	U	51.5	81.1	110	ug/Kg
106-47-8	4-Chloroaniline	51.5	U	51.5	81.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.9	U	51.9	81.1	110	ug/Kg



Client:				Date Collected:	7/17/2024 12:00:00 AM	
Project:				Date Received:	7/17/2024 12:00:00 AM	
Client Sample ID:	HR-3-071724			SDG No.:	BF071924	
Lab Sample ID:	P3294-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	3.9	
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
BF138598.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.1	U	54.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.3	U	48.3	81.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.4	U	51.4	81.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.3	U	97.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.5	U	44.5	81.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.1	U	46.1	81.1	110	ug/Kg
92-52-4	1,1-Biphenyl	54.5	U	54.5	81.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.9	U	51.9	81.1	110	ug/Kg
88-74-4	2-Nitroaniline	59.2	U	59.2	81.1	110	ug/Kg
131-11-3	Dimethylphthalate	50.9	U	50.9	81.1	110	ug/Kg
208-96-8	Acenaphthylene	53.9	U	53.9	81.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.9	U	51.9	81.1	110	ug/Kg
99-09-2	3-Nitroaniline	55.6	U	55.6	81.1	110	ug/Kg
83-32-9	Acenaphthene	50.6	U	50.6	81.1	110	ug/Kg
Total PAH	Total PAH	1139.5	U	826.3	81.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.3	U	72.3	170	210	ug/Kg
132-64-9	Dibenzofuran	52.6	U	52.6	81.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.7	U	105.7	81.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.8	U	53.8	81.1	110	ug/Kg
84-66-2	Diethylphthalate	50	U	50	81.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.4	U	53.4	81.1	110	ug/Kg
86-73-7	Fluorene	53.3	U	53.3	81.1	110	ug/Kg
100-01-6	4-Nitroaniline	66.7	U	66.7	81.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.9	U	50.9	81.1	110	ug/Kg
103-33-3	Azobenzene	49.6	U	49.6	81.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.2	U	49.2	81.1	110	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	81.1	110	ug/Kg
1912-24-9	Atrazine	57	U	57	81.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-3-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138598.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.2	U	48.2	170	210	ug/Kg
85-01-8	Phenanthrene	52.4	U	52.4	81.1	110	ug/Kg
120-12-7	Anthracene	52.6	U	52.6	81.1	110	ug/Kg
86-74-8	Carbazole	50.1	U	50.1	81.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.6	U	52.6	81.1	110	ug/Kg
206-44-0	Fluoranthene	210		50.9	81.1	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	180		51.8	81.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.4	U	60.4	81.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.5	U	61.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	140		50.3	81.1	110	ug/Kg
218-01-9	Chrysene	120		49.6	81.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.7	U	56.7	81.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.6	U	68.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	170		50.6	81.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	J	51.5	81.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	140		58	81.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.4	J	48.7	81.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.6	U	50.6	81.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68.4	J	50	81.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.1	U	54.1	81.1	110	ug/Kg
123-91-1	1,4-Dioxane	68.6	U	68.6	81.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.6	U	46.6	81.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.9	U	51.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.228		18-112		67	SPK: -150
13127-88-3	Phenol-d6	97.866		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	66.721		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	71.162		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-3-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138598.D	1	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.135		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	62.152		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74169	6.857				
1146-65-2	Naphthalene-d8	282683	8.14				
15067-26-2	Acenaphthene-d10	131162	9.892				
1517-22-2	Phenanthrene-d10	187414	11.375				
1719-03-5	Chrysene-d12	130977	14.016				
1520-96-3	Perylene-d12	105867	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.164	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.081	
000770-35-4	1-Phenoxypropan-2-ol	48.8	J			8.451	
	unknown9.987	45.3	J			9.987	
000057-10-3	n-Hexadecanoic acid	120	J			11.904	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	48.2	J			11.992	
000661-19-8	Behenic alcohol	80.4	J			13.863	

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-4-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138599.D	10	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	520	U	520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	640	U	640	850	1100	ug/Kg
108-95-2	Phenol	540	U	540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	550	U	550	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	600	U	600	850	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	600	U	600	850	1100	ug/Kg
78-59-1	Isophorone	550	U	550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	610	U	610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	850	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	540	U	540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-4-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138599.D	10	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	540	U	540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	850	1100	ug/Kg
88-74-4	2-Nitroaniline	620	U	620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	850	1100	ug/Kg
208-96-8	Acenaphthylene	570	U	570	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	850	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	850	1100	ug/Kg
83-32-9	Acenaphthene	530	U	530	850	1100	ug/Kg
Total PAH	Total PAH	8680	U	8680	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	760	U	760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	550	U	550	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120	U	1120	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	850	1100	ug/Kg
84-66-2	Diethylphthalate	530	U	530	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	850	1100	ug/Kg
86-73-7	Fluorene	560	U	560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	700	U	700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	770	U	770	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	850	1100	ug/Kg
103-33-3	Azobenzene	520	U	520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	850	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-4-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138599.D	10	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510	U	510	1800	2200	ug/Kg
85-01-8	Phenanthrene	1800		550	850	1100	ug/Kg
120-12-7	Anthracene	550	U	550	850	1100	ug/Kg
86-74-8	Carbazole	530	U	530	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	850	1100	ug/Kg
206-44-0	Fluoranthene	1700		540	850	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	1000	J	540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650	U	650	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	690	J	530	850	1100	ug/Kg
218-01-9	Chrysene	610	J	520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	780	J	530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	U	540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	610	U	610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	530	U	530	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	550	U	550	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.26		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.43		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	67.15		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-4-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138599.D	10	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.52		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	60.87		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76016	6.857				
1146-65-2	Naphthalene-d8	282553	8.139				
15067-26-2	Acenaphthene-d10	126001	9.892				
1517-22-2	Phenanthrene-d10	187550	11.38				
1719-03-5	Chrysene-d12	132401	14.015				
1520-96-3	Perylene-d12	110043	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown8.428	1800	J			8.428	
000629-50-5	Tridecane	5300	J			8.728	
003891-98-3	Dodecane, 2,6,10-trimethyl-	2300	J			9.157	
000629-59-4	Tetradecane	8600	J			9.292	
	unknown9.551	2300	J			9.551	
1000342-70-4	1-Octadecanesulphonyl chloride	3900	J			9.61	
000629-62-9	Pentadecane	8700	J			9.822	
003054-63-5	Dodecane, 4,9-dipropyl-	2100	J			10.057	
000112-40-3	Dodecane	2200	J			10.139	
000544-76-3	Hexadecane	10900	J			10.322	
017301-28-9	Undecane, 3,6-dimethyl-	5100	J			10.539	
000629-92-5	Nonadecane	15700	J			10.798	
000593-45-3	Octadecane	10000	J			11.239	
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	4400	J			11.269	
000646-31-1	Tetracosane	8100	J			11.669	
000112-39-0	Hexadecanoic acid, methyl ester	3700	J			11.769	
000057-10-3	n-Hexadecanoic acid	2300	J			11.904	
013287-24-6	Nonadecane, 9-methyl-	6900	J			12.075	
002566-97-4	9,12-Octadecadienoic acid, methyl	42800	J			12.457	

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	HR-4-071724	SDG No.:	BF071924
Lab Sample ID:	P3294-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138599.D	10	7/18/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000593-49-7	Heptacosane	3300	J			13.186	



SDG No.: BF071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	WC-CTW2-BL-01							
P3246-01	WC-CTW2-BL-01	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3246-01	WC-CTW2-BL-01	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	290.000	A		
P3246-01	WC-CTW2-BL-01	Solid	Butane, 2-methoxy-2-methyl-	*	4,300.000	J		
P3246-01	WC-CTW2-BL-01	Solid	n-Hexadecanoic acid	*	300.000	J		
P3246-01	WC-CTW2-BL-01	Solid	Oxalic acid, cyclobutyl pentadecy	*	330.000	J		
P3246-01	WC-CTW2-BL-01	Solid	unknown9.986	*	100.000	J		
			Total Tics :		5,430.00			
			Total Concentration:		5,430.00			
Client ID :	WC-CTW2-BL-02							
P3246-06	WC-CTW2-BL-02	Solid	(S)-(+)-1,2-Propanediol	*	220.000	J		
P3246-06	WC-CTW2-BL-02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	310.000	A		
P3246-06	WC-CTW2-BL-02	Solid	Butane, 2-methoxy-2-methyl-	*	4,400.000	J		
P3246-06	WC-CTW2-BL-02	Solid	Heptadecyl trifluoroacetate	*	380.000	J		
P3246-06	WC-CTW2-BL-02	Solid	n-Hexadecanoic acid	*	250.000	J		
P3246-06	WC-CTW2-BL-02	Solid	Octacosane	*	84.500	J		
P3246-06	WC-CTW2-BL-02	Solid	Octacosyl trifluoroacetate	*	140.000	J		
P3246-06	WC-CTW2-BL-02	Solid	unknown9.986	*	130.000	J		
			Total Tics :		5,914.50			
			Total Concentration:		5,914.50			
Client ID :	WC-CTW2-BL-03							
P3246-12	WC-CTW2-BL-03	water	Diethylphthalate		27.100	J	10.4	50 ug/L
			Total Svoc :		27.10			
			Total Concentration:		27.10			
Client ID :	WC-CTW2-BL-05							
P3246-21	WC-CTW2-BL-05	Solid	1-Phenoxypropan-2-ol	*	92.400	J		
P3246-21	WC-CTW2-BL-05	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	380.000	A		
P3246-21	WC-CTW2-BL-05	Solid	Butane, 2-methoxy-2-methyl-	*	5,300.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Carbonic acid, eicosyl vinyl ester	*	130.000	J		
P3246-21	WC-CTW2-BL-05	Solid	n-Hexadecanoic acid	*	270.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Phenol, 2,2-methylenebis[6-(1,1-d	*	450.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Propylene Glycol	*	320.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Trichloroacetic acid, hexadecyl es	*	430.000	J		
P3246-21	WC-CTW2-BL-05	Solid	unknown9.986	*	140.000	J		
			Total Tics :		7,512.40			
			Total Concentration:		7,512.40			
Client ID :	WC-CTW2-BL-06							

Hit Summary Sheet SW-846

SDG No.: BF071924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3246-27	WC-CTW2-BL-06	water	Diethylphthalate	23.000	J	10.4	50	ug/L
Total Svoc :				23.00				
Total Concentration:				23.00				
Client ID : B-120-SB02								
P3248-02	B-120-SB02	Solid	.beta.-Sitosterol	*	1,000.000	J		
P3248-02	B-120-SB02	Solid	1H-Cycloprop[e]azulene, 1a,2,3,5	*	1,600.000	J		
P3248-02	B-120-SB02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	330.000	A		
P3248-02	B-120-SB02	Solid	Bicyclo[10.8.0]eicosane, cis-	*	600.000	J		
P3248-02	B-120-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	5,300.000	J		
P3248-02	B-120-SB02	Solid	Cycloeicosane	*	850.000	J		
P3248-02	B-120-SB02	Solid	Eicosanal-	*	450.000	J		
P3248-02	B-120-SB02	Solid	Heneicosane	*	120.000	J		
P3248-02	B-120-SB02	Solid	Hop-22(29)-en-3.beta.-ol	*	620.000	J		
P3248-02	B-120-SB02	Solid	Lup-20(29)-en-3-one	*	690.000	J		
P3248-02	B-120-SB02	Solid	Octadecanal	*	360.000	J		
P3248-02	B-120-SB02	Solid	Oxirane, heptadecyl-	*	210.000	J		
P3248-02	B-120-SB02	Solid	Oxirane, hexadecyl-	*	190.000	J		
P3248-02	B-120-SB02	Solid	R-(-)-1,2-propanediol	*	300.000	J		
P3248-02	B-120-SB02	Solid	Tetradecanoic acid	*	340.000	J		
P3248-02	B-120-SB02	Solid	Tricosyl trifluoroacetate	*	450.000	J		
P3248-02	B-120-SB02	Solid	unknown9.986	*	140.000	J		
Total Tics :				13,550.00				
Total Concentration:				13,550.00				
Client ID : HR-1-071724								
P3294-01	HR-1-071724	Solid	1-Phenoxypropan-2-ol	*	53.800	J		
P3294-01	HR-1-071724	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3294-01	HR-1-071724	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P3294-01	HR-1-071724	Solid	Heptafluorobutyric acid, hexadecyl	*	150.000	J		
P3294-01	HR-1-071724	Solid	n-Hexadecanoic acid	*	120.000	J		
P3294-01	HR-1-071724	Solid	unknown3.375	*	68.100	J		
P3294-01	HR-1-071724	Solid	unknown9.986	*	58.100	J		
Total Tics :				2,490.00				
Total Concentration:				2,490.00				
Client ID : HR-3-071724								
P3294-03	HR-3-071724	Solid	1-Phenoxypropan-2-ol	*	48.800	J		
P3294-03	HR-3-071724	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3294-03	HR-3-071724	Solid	Behenic alcohol	*	80.400	J		
P3294-03	HR-3-071724	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	48.200	J		
P3294-03	HR-3-071724	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BF071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3294-03	HR-3-071724	Solid	n-Hexadecanoic acid	*	120.000	J		
P3294-03	HR-3-071724	Solid	unknown9.987	*	45.300	J		
Total Tics :					2,562.70			
P3294-03	HR-3-071724	Solid	Benzo(a)anthracene		140.000	50.3	110	ug/Kg
P3294-03	HR-3-071724	Solid	Benzo(a)pyrene		140.000	58	110	ug/Kg
P3294-03	HR-3-071724	Solid	Benzo(b)fluoranthene		170.000	50.6	110	ug/Kg
P3294-03	HR-3-071724	Solid	Benzo(g,h,i)perylene		68.400	J 50	110	ug/Kg
P3294-03	HR-3-071724	Solid	Benzo(k)fluoranthene		56.700	J 51.5	110	ug/Kg
P3294-03	HR-3-071724	Solid	Chrysene		120.000	49.6	110	ug/Kg
P3294-03	HR-3-071724	Solid	Fluoranthene		210.000	50.9	110	ug/Kg
P3294-03	HR-3-071724	Solid	Indeno(1,2,3-cd)pyrene		54.400	J 48.7	110	ug/Kg
P3294-03	HR-3-071724	Solid	Pyrene		180.000	51.8	110	ug/Kg
Total Svoc :					1,139.50			
Total Concentration:					3,702.20			
Client ID : HR-4-071724								
P3294-05	HR-4-071724	Solid	1-Octadecanesulphonyl chloride	*	3,900.000	J		
P3294-05	HR-4-071724	Solid	9,12-Octadecadienoic acid, methyl	*	42,800.000	J		
P3294-05	HR-4-071724	Solid	Dodecane	*	2,200.000	J		
P3294-05	HR-4-071724	Solid	Dodecane, 2,6,10-trimethyl-	*	2,300.000	J		
P3294-05	HR-4-071724	Solid	Dodecane, 4,9-dipropyl-	*	2,100.000	J		
P3294-05	HR-4-071724	Solid	Heptacosane	*	3,300.000	J		
P3294-05	HR-4-071724	Solid	Hexadecane	*	10,900.000	J		
P3294-05	HR-4-071724	Solid	Hexadecane, 2,6,11,15-tetramethyl	*	4,400.000	J		
P3294-05	HR-4-071724	Solid	Hexadecanoic acid, methyl ester	*	3,700.000	J		
P3294-05	HR-4-071724	Solid	n-Hexadecanoic acid	*	2,300.000	J		
P3294-05	HR-4-071724	Solid	Nonadecane	*	15,700.000	J		
P3294-05	HR-4-071724	Solid	Nonadecane, 9-methyl-	*	6,900.000	J		
P3294-05	HR-4-071724	Solid	Octadecane	*	10,000.000	J		
P3294-05	HR-4-071724	Solid	Pentadecane	*	8,700.000	J		
P3294-05	HR-4-071724	Solid	Tetracosane	*	8,100.000	J		
P3294-05	HR-4-071724	Solid	Tetradecane	*	8,600.000	J		
P3294-05	HR-4-071724	Solid	Tridecane	*	5,300.000	J		
P3294-05	HR-4-071724	Solid	Undecane, 3,6-dimethyl-	*	5,100.000	J		
P3294-05	HR-4-071724	Solid	unknown8.428	*	1,800.000	J		
P3294-05	HR-4-071724	Solid	unknown9.551	*	2,300.000	J		
Total Tics :					150,400.00			
P3294-05	HR-4-071724	Solid	Benzo(a)anthracene		690.000	J 530	1100	ug/Kg
P3294-05	HR-4-071724	Solid	Benzo(b)fluoranthene		780.000	J 530	1100	ug/Kg
P3294-05	HR-4-071724	Solid	Chrysene		610.000	J 520	1100	ug/Kg
P3294-05	HR-4-071724	Solid	Fluoranthene		1,700.000	540	1100	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BF071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3294-05	HR-4-071724	Solid	Phenanthrene	1,800.000		550	1100	ug/Kg
P3294-05	HR-4-071724	Solid	Pyrene	1,000.000	J	540	1100	ug/Kg
Total Svoc :						6,580.00		
Total Concentration:						156,980.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.886	0.873	0.934	0.921	0.878	0.898	2.6
Pyridine		1.375	1.370	1.480	1.389	1.347	1.379	3.5
2-Fluorophenol		1.362	1.335	1.352	1.265	1.191	1.263	7.1
Benzaldehyde		0.919	0.990	1.043	0.879	0.805	0.899	12.0
Aniline		1.678	1.615	1.712	1.595	1.476	1.573	6.6
Phenol-d6		1.825	1.753	1.808	1.671	1.588	1.680	7.0
Phenol		1.947	1.887	1.901	1.770	1.673	1.783	7.2
bis(2-Chloroethyl)ether		1.415	1.360	1.406	1.350	1.297	1.343	4.4
2-Chlorophenol		1.440	1.367	1.456	1.337	1.285	1.335	7.1
1,2-Dichlorobenzene		1.565	1.518	1.521	1.419	1.334	1.420	8.4
1,3-Dichlorobenzene		1.613	1.577	1.610	1.500	1.428	1.501	6.8
1,4-Dichlorobenzene		1.663	1.580	1.631	1.536	1.446	1.524	7.1
Benzyl Alcohol		1.313	1.289	1.365	1.272	1.219	1.261	5.6
2-Methylphenol		1.157	1.118	1.171	1.099	1.046	1.094	5.4
2,2-oxybis(1-Chloropropane)		2.833	2.775	2.810	2.665	2.526	2.640	6.8
Acetophenone		0.548	0.523	0.509	0.469	0.452	0.486	8.5
3+4-Methylphenols		1.555	1.486	1.488	1.362	1.277	1.378	9.7
n-Nitroso-di-n-propylamine	1.131	1.137	1.068	1.089	1.022	0.962	1.038	7.8
Nitrobenzene-d5		0.432	0.416	0.425	0.406	0.393	0.407	4.6
Hexachloroethane		0.573	0.571	0.600	0.566	0.545	0.560	4.4
Nitrobenzene		0.433	0.421	0.432	0.415	0.403	0.414	3.8
Isophorone		0.742	0.720	0.733	0.686	0.666	0.700	4.6
2-Nitrophenol		0.170	0.168	0.187	0.180	0.178	0.177	4.0
2,4-Dimethylphenol		0.229	0.223	0.226	0.217	0.208	0.218	4.0
bis(2-Chloroethoxy)methane		0.458	0.425	0.438	0.413	0.398	0.418	5.8
2,4-Dichlorophenol		0.292	0.288	0.302	0.283	0.275	0.283	4.3
1,2,4-Trichlorobenzene		0.361	0.343	0.347	0.326	0.314	0.330	6.5
Benzoic acid		0.169	0.186	0.201	0.219	0.225	0.208	11.3
Naphthalene		1.162	1.093	1.101	1.022	0.974	1.040	7.7
4-Chloroaniline		0.388	0.369	0.382	0.356	0.352	0.365	4.3
Hexachlorobutadiene		0.221	0.210	0.214	0.200	0.195	0.203	6.0
Caprolactam		0.093	0.093	0.095	0.091	0.088	0.091	2.8
4-Chloro-3-methylphenol		0.340	0.327	0.334	0.312	0.303	0.317	5.3
2-Methylnaphthalene		0.757	0.709	0.710	0.646	0.626	0.669	8.4
Hexachlorocyclopentadiene			0.142	0.174	0.189	0.189	0.181	11.4
2,4,6-Trichlorophenol		0.376	0.358	0.365	0.353	0.347	0.356	3.5

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.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D		RRF005 = BF138483.D		RRF010 = BF138484.D		
		RRF020 = BF138485.D		RRF040 = BF138486.D		RRF050 = BF138487.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.504	1.403	1.347	1.224	1.184	1.280	11.0
2,4,5-Trichlorophenol		0.409	0.391	0.409	0.395	0.382	0.391	3.7
1,1-Biphenyl		1.691	1.598	1.602	1.476	1.433	1.516	7.6
2-Chloronaphthalene		1.264	1.200	1.178	1.127	1.092	1.145	6.3
2-Nitroaniline		0.403	0.393	0.406	0.403	0.391	0.397	1.9
Dimethylphthalate		1.391	1.360	1.336	1.275	1.238	1.293	5.3
Acenaphthylene		1.803	1.733	1.686	1.593	1.550	1.626	7.3
2,6-Dinitrotoluene		0.306	0.300	0.309	0.302	0.288	0.298	3.1
3-Nitroaniline		0.316	0.309	0.311	0.308	0.300	0.305	2.8
Acenaphthene		1.215	1.146	1.121	1.048	1.026	1.081	7.6
2,4-Dinitrophenol			0.105	0.126	0.147	0.152	0.141	15.4
4-Nitrophenol		0.215	0.221	0.228	0.231	0.228	0.225	2.9
Dibenzofuran		1.781	1.676	1.639	1.527	1.495	1.567	8.7
2,4-Dinitrotoluene		0.385	0.385	0.410	0.388	0.382	0.385	3.6
Diethylphthalate		1.360	1.321	1.301	1.227	1.189	1.247	6.5
4-Chlorophenyl-phenylether		0.721	0.673	0.662	0.600	0.578	0.623	10.1
Fluorene		1.424	1.325	1.319	1.200	1.165	1.240	9.4
4-Nitroaniline		0.309	0.310	0.314	0.305	0.305	0.306	2.5
4,6-Dinitro-2-methylphenol		0.090	0.099	0.118	0.122	0.124	0.115	13.0
n-Nitrosodiphenylamine		0.642	0.629	0.629	0.593	0.577	0.599	5.7
Azobenzene		1.478	1.407	1.410	1.312	1.281	1.340	6.9
2,4,6-Tribromophenol		0.202	0.199	0.194	0.185	0.178	0.187	6.2
4-Bromophenyl-phenylether		0.220	0.213	0.218	0.203	0.197	0.206	5.7
Hexachlorobenzene		0.251	0.239	0.239	0.223	0.218	0.228	6.4
Atrazine		0.219	0.207	0.212	0.197	0.191	0.199	7.4
Pentachlorophenol		0.116	0.124	0.142	0.138	0.143	0.135	8.1
Phenanthrene		1.136	1.090	1.058	0.985	0.954	1.010	8.4
Anthracene		1.103	1.072	1.071	0.980	0.952	1.003	7.8
Carbazole		0.995	0.983	0.968	0.880	0.854	0.901	9.0
Di-n-butylphthalate		1.138	1.092	1.109	1.020	1.000	1.039	7.3
Fluoranthene		1.203	1.149	1.114	0.996	0.961	1.031	12.3
Benzidine		0.452	0.523	0.625	0.510	0.498	0.505	14.0
Pyrene		1.980	1.956	2.061	2.100	2.024	2.030	2.9
Terphenyl-d14		1.251	1.204	1.281	1.252	1.199	1.228	3.0
Butylbenzylphthalate		0.588	0.567	0.626	0.634	0.613	0.611	4.3
3,3-Dichlorobenzidine		0.378	0.346	0.362	0.347	0.328	0.346	5.5

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.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.457	1.364	1.404	1.337	1.266	1.342	5.4
Chrysene		1.386	1.301	1.324	1.254	1.196	1.270	5.6
Bis(2-ethylhexyl)phthalate		0.576	0.574	0.644	0.684	0.674	0.651	8.6
Di-n-octyl phthalate			0.824	0.919	1.036	1.051	1.029	13.8
Benzo(b)fluoranthene		1.306	1.224	1.197	1.073	1.032	1.126	10.2
Benzo(k)fluoranthene		1.269	1.215	1.193	1.056	0.993	1.099	11.3
Benzo(a)pyrene		1.068	1.003	1.034	0.976	0.951	0.989	4.8
Indeno(1,2,3-cd)pyrene		1.091	1.212	1.442	1.471	1.401	1.343	10.3
Dibenzo(a,h)anthracene		0.906	0.999	1.180	1.213	1.143	1.099	9.9
Benzo(g,h,i)perylene		0.946	1.049	1.262	1.270	1.210	1.165	10.4
1,2,4,5-Tetrachlorobenzene		0.603	0.584	0.580	0.550	0.531	0.557	5.7
1,4-Dioxane		0.566	0.563	0.582	0.571	0.549	0.559	2.9
2,3,4,6-Tetrachlorophenol		0.303	0.311	0.329	0.311	0.305	0.309	3.4
1-Methylnaphthalene		0.736	0.692	0.688	0.644	0.613	0.653	8.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 09:48

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	96160	6.869	383936	8.15	215266	9.90
	UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
	LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
	EPA SAMPLE NO.						
01	PB162114BL	82982	6.86	336221	8.14	182833	9.89
02	WC-CTW2-BL-03	77053	6.86	306640	8.14	169418	9.89
03	WC-CTW2-BL-06	67048	6.86	272994	8.14	150370	9.89
04	WC-CTW2-BL-05	68211	6.86	272452	8.14	147938	9.89
05	WC-CTW2-BL-04	68231	6.86	274998	8.14	149819	9.89
06	B-120-SB02	66027	6.86	261785	8.14	141716	9.89
07	WC-CTW2-BL-01MS	73283	6.86	298003	8.14	163255	9.90
08	WC-CTW2-BL-01MSD	71628	6.86	293898	8.14	161564	9.90
09	WC-CTW2-BL-02	64656	6.86	260603	8.14	131520	9.89
10	WC-CTW2-BL-01	66616	6.86	261023	8.14	142257	9.89
11	WC-CTW2-BL-02	65893	6.86	262004	8.14	144879	9.89
12	WC-CTW2-BL-02MS	77647	6.86	323301	8.14	178986	9.90
13	WC-CTW2-BL-02MSD	78900	6.86	331750	8.14	179702	9.90
14	WC-CTW2-BL-05	69560	6.86	276064	8.14	151592	9.89
15	FILL-MATERIAL-1MS	68740	6.86	284013	8.14	155546	9.90
16	FILL-MATERIAL-1MSD	76436	6.86	314922	8.14	171964	9.90
17	HR-1-071724	75017	6.86	300113	8.14	152416	9.89
18	HR-1-071724MS	81785	6.86	317613	8.15	155151	9.90
19	HR-1-071724MSD	81966	6.86	319145	8.15	159516	9.90
20	HR-3-071724	74169	6.86	282683	8.14	131162	9.89
21	HR-4-071724	76016	6.86	282553	8.14	126001	9.89



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 20:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	96160	6.869	383936	8.15	215266	9.90
UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDCCC040

Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138578.D

Time Analyzed: 09:48

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	85070	6.863	341120	8.15	185607	9.90
UPPER LIMIT	170140	7.363	682240	8.645	371214	10.398
LOWER LIMIT	42535	6.363	170560	7.645	92803.5	9.398
EPA SAMPLE NO.						
01 PB162114BL	82982	6.86	336221	8.14	182833	9.89
02 WC-CTW2-BL-03	77053	6.86	306640	8.14	169418	9.89
03 WC-CTW2-BL-06	67048	6.86	272994	8.14	150370	9.89
04 WC-CTW2-BL-05	68211	6.86	272452	8.14	147938	9.89
05 WC-CTW2-BL-04	68231	6.86	274998	8.14	149819	9.89
06 B-120-SB02	66027	6.86	261785	8.14	141716	9.89
07 WC-CTW2-BL-01MS	73283	6.86	298003	8.14	163255	9.90
08 WC-CTW2-BL-01MSD	71628	6.86	293898	8.14	161564	9.90
09 WC-CTW2-BL-02	64656	6.86	260603	8.14	131520	9.89
10 WC-CTW2-BL-01	66616	6.86	261023	8.14	142257	9.89
11 WC-CTW2-BL-02	65893	6.86	262004	8.14	144879	9.89
12 WC-CTW2-BL-02MS	77647	6.86	323301	8.14	178986	9.90
13 WC-CTW2-BL-02MSD	78900	6.86	331750	8.14	179702	9.90
14 WC-CTW2-BL-05	69560	6.86	276064	8.14	151592	9.89
15 FILL-MATERIAL-1MS	68740	6.86	284013	8.14	155546	9.90
16 FILL-MATERIAL-1MSD	76436	6.86	314922	8.14	171964	9.90
17 HR-1-071724	75017	6.86	300113	8.14	152416	9.89
18 HR-1-071724MS	81785	6.86	317613	8.15	155151	9.90
19 HR-1-071724MSD	81966	6.86	319145	8.15	159516	9.90
20 HR-3-071724	74169	6.86	282683	8.14	131162	9.89
21 HR-4-071724	76016	6.86	282553	8.14	126001	9.89



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138578.D Time Analyzed: 20:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	85070	6.863	341120	8.15	185607	9.90
UPPER LIMIT	170140	7.363	682240	8.645	371214	10.398
LOWER LIMIT	42535	6.363	170560	7.645	92803.5	9.398
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.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 09:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	374771	11.386	178592	14.027	166880	15.486
	UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
	LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
	EPA SAMPLE NO.						
01	PB162114BL	324355	11.38	209433	14.02	178011	15.48
02	WC-CTW2-BL-03	306599	11.38	208511	14.02	127176	15.48
03	WC-CTW2-BL-06	278389	11.38	196370	14.02	151041	15.48
04	WC-CTW2-BL-05	272834	11.38	197875	14.02	162390	15.48
05	WC-CTW2-BL-04	276299	11.37	197904	14.02	164350	15.48
06	B-120-SB02	246741	11.38	140623	14.02	161967	15.48
07	WC-CTW2-BL-01MS	286796	11.38	149356	14.02	170417	15.48
08	WC-CTW2-BL-01MSD	291130	11.38	151731	14.02	166878	15.48
09	WC-CTW2-BL-02	262585	11.37	164621	14.01	56136 *	15.47
10	WC-CTW2-BL-01	266445	11.38	161842	14.01	157991	15.47
11	WC-CTW2-BL-02	265707	11.38	156082	14.02	162103	15.48
12	WC-CTW2-BL-02MS	309299	11.38	154688	14.02	174593	15.48
13	WC-CTW2-BL-02MSD	316038	11.39	155523	14.02	181335	15.49
14	WC-CTW2-BL-05	280217	11.37	151812	14.01	158019	15.47
15	FILL-MATERIAL-1MS	276793	11.38	142754	14.02	163501	15.48
16	FILL-MATERIAL-1MSD	306242	11.38	154571	14.02	173141	15.48
17	HR-1-071724	224141	11.38	148002	14.01	145852	15.47
18	HR-1-071724MS	227102	11.38	148886	14.02	129381	15.48
19	HR-1-071724MSD	227088	11.38	148124	14.02	124759	15.48
20	HR-3-071724	187414	11.38	130977	14.02	105867	15.48
21	HR-4-071724	187550	11.38	132401	14.02	110043	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 20:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	374771	11.386	178592	14.027	166880	15.486
UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
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.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138578.D Time Analyzed: 09:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	327387	11.38	194971	14.021	160777	15.486
	UPPER LIMIT	654774	11.88	389942	14.521	321554	15.986
	LOWER LIMIT	163693.5	10.88	97485.5	13.521	80388.5	14.986
	EPA SAMPLE NO.						
01	PB162114BL	324355	11.38	209433	14.02	178011	15.48
02	WC-CTW2-BL-03	306599	11.38	208511	14.02	127176	15.48
03	WC-CTW2-BL-06	278389	11.38	196370	14.02	151041	15.48
04	WC-CTW2-BL-05	272834	11.38	197875	14.02	162390	15.48
05	WC-CTW2-BL-04	276299	11.37	197904	14.02	164350	15.48
06	B-120-SB02	246741	11.38	140623	14.02	161967	15.48
07	WC-CTW2-BL-01MS	286796	11.38	149356	14.02	170417	15.48
08	WC-CTW2-BL-01MSD	291130	11.38	151731	14.02	166878	15.48
09	WC-CTW2-BL-02	262585	11.37	164621	14.01	56136 *	15.47
10	WC-CTW2-BL-01	266445	11.38	161842	14.01	157991	15.47
11	WC-CTW2-BL-02	265707	11.38	156082	14.02	162103	15.48
12	WC-CTW2-BL-02MS	309299	11.38	154688	14.02	174593	15.48
13	WC-CTW2-BL-02MSD	316038	11.39	155523	14.02	181335	15.49
14	WC-CTW2-BL-05	280217	11.37	151812	14.01	158019	15.47
15	FILL-MATERIAL-1MS	276793	11.38	142754	14.02	163501	15.48
16	FILL-MATERIAL-1MSD	306242	11.38	154571	14.02	173141	15.48
17	HR-1-071724	224141	11.38	148002	14.01	145852	15.47
18	HR-1-071724MS	227102	11.38	148886	14.02	129381	15.48
19	HR-1-071724MSD	227088	11.38	148124	14.02	124759	15.48
20	HR-3-071724	187414	11.38	130977	14.02	105867	15.48
21	HR-4-071724	187550	11.38	132401	14.02	110043	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071924 SAS No.: BF071924 SDG NO.: BF071924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BF138578.D Time Analyzed: 20:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	327387	11.38	194971	14.021	160777	15.486
UPPER LIMIT	654774	11.88	389942	14.521	321554	15.986
LOWER LIMIT	163693.5	10.88	97485.5	13.521	80388.5	14.986
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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

FILL-MATERIAL-1MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071924

SAS No.: BF071924 SDG NO.: BF071924

Lab File ID: BF138593.D

Lab Sample ID: P3193-02MS

Instrument ID: BNA_F

Date Extracted: 07/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 17:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FILL-MATERIAL-1MS	P3193-02MS	BF138593.D	07/19/2024
FILL-MATERIAL-1MSD	P3193-02MSD	BF138594.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-CTW2-BL-02MSD

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071924

SAS No.: BF071924 SDG NO.: BF071924

Lab File ID: BF138591.D

Lab Sample ID: P3246-06MSD

Instrument ID: BNA_F

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 15:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-CTW2-BL-02MSD	P3246-06MSD	BF138591.D	07/19/2024
WC-CTW2-BL-05	P3246-21	BF138592.D	07/19/2024
WC-CTW2-BL-01	P3246-01	BF138588.D	07/19/2024
B-120-SB02	P3248-02	BF138584.D	07/19/2024
WC-CTW2-BL-02	P3246-06	BF138589.D	07/19/2024
WC-CTW2-BL-02MS	P3246-06MS	BF138590.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162114BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071924

SAS No.: BF071924 SDG NO.: BF071924

Lab File ID: BF138579.D

Lab Sample ID: PB162114BL

Instrument ID: BNA_F

Date Extracted: 07/17/2024

Matrix: (soil/water) water

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 09:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-CTW2-BL-03	P3246-12	BF138580.D	07/19/2024
WC-CTW2-BL-06	P3246-27	BF138581.D	07/19/2024
WC-CTW2-BL-05	P3246-22	BF138582.D	07/19/2024
WC-CTW2-BL-01MS	P3246-02MS	BF138585.D	07/19/2024
WC-CTW2-BL-01MSD	P3246-02MSD	BF138586.D	07/19/2024
WC-CTW2-BL-02	P3246-07	BF138587.D	07/19/2024
WC-CTW2-BL-04	P3246-17	BF138583.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HR-1-071724

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071924

SAS No.: BF071924 SDG NO.: BF071924

Lab File ID: BF138595.D

Lab Sample ID: P3294-01

Instrument ID: BNA_F

Date Extracted: 07/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 18:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HR-1-071724	P3294-01	BF138595.D	07/19/2024
HR-1-071724MS	P3294-01MS	BF138596.D	07/19/2024
HR-1-071724MSD	P3294-01MSD	BF138597.D	07/19/2024
HR-3-071724	P3294-03	BF138598.D	07/19/2024
HR-4-071724	P3294-05	BF138599.D	07/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3193-02MS	Client Sample ID:	FILL-MATERIAL-1MS					DataFile:	BF138593.D		
n-Nitrosodimethylamine	1800		2100	ug/Kg	117				66	124	
Pyridine	1800		1800	ug/Kg	100				45	119	
Benzaldehyde	1800		360	ug/Kg	20	*			26	163	
Aniline	1800		1800	ug/Kg	100	*			10	88	
Phenol	1800		2200	ug/Kg	122				67	126	
bis(2-Chloroethyl)ether	1800		2100	ug/Kg	117	*			74	116	
2-Chlorophenol	1800		2200	ug/Kg	122				61	138	
1,2-Dichlorobenzene	1800		2000	ug/Kg	111	*			61	105	
1,3-Dichlorobenzene	1800		2000	ug/Kg	111	*			62	101	
1,4-Dichlorobenzene	1800		2000	ug/Kg	111	*			63	104	
Benzyl Alcohol	1800		2200	ug/Kg	122				47	126	
2-Methylphenol	1800		2100	ug/Kg	117				66	122	
2,2-oxybis(1-Chloropropane)	1800		2000	ug/Kg	111				52	115	
Acetophenone	1800		1800	ug/Kg	100				75	111	
3+4-Methylphenols	1800		2100	ug/Kg	117				53	132	
N-Nitroso-di-n-propylamine	1800		2100	ug/Kg	117				59	119	
Hexachloroethane	1800		2000	ug/Kg	111				65	117	
Nitrobenzene	1800		1900	ug/Kg	106				70	119	
Isophorone	1800		2100	ug/Kg	117				76	122	
2-Nitrophenol	1800		2100	ug/Kg	117				54	145	
2,4-Dimethylphenol	1800		2200	ug/Kg	122				83	144	
bis(2-Chloroethoxy)methane	1800		2000	ug/Kg	111				68	112	
2,4-Dichlorophenol	1800		2000	ug/Kg	111				72	118	
1,2,4-Trichlorobenzene	1800		1800	ug/Kg	100				57	103	
Benzoic acid	1800		1700	ug/Kg	94				50	104	
Naphthalene	1800		2000	ug/Kg	111	*			72	110	
4-Chloroaniline	1800		1300	ug/Kg	72				10	100	
Hexachlorobutadiene	1800		1700	ug/Kg	94				66	114	
Caprolactam	1800		2000	ug/Kg	111				51	134	
4-Chloro-3-methylphenol	1800		2100	ug/Kg	117				57	132	
2-Methylnaphthalene	1800		2000	ug/Kg	111				59	123	
Hexachlorocyclopentadiene	3700		4400	ug/Kg	119				10	175	
2,4,6-Trichlorophenol	1800		2000	ug/Kg	111				72	117	
2,4,5-Trichlorophenol	1800		1900	ug/Kg	106				72	117	
1,1-Biphenyl	1800		1900	ug/Kg	106				75	113	
2-Chloronaphthalene	1800		2000	ug/Kg	111				67	118	
2-Nitroaniline	1800		2200	ug/Kg	122				69	127	
Dimethylphthalate	1800		2100	ug/Kg	117	*			70	113	
Acenaphthylene	1800		2200	ug/Kg	122	*			79	118	
2,6-Dinitrotoluene	1800		2000	ug/Kg	111				70	125	
3-Nitroaniline	1800		1700	ug/Kg	94				20	111	
Acenaphthene	1800		2000	ug/Kg	111				70	121	
Total PAH	28800		32400	ug/Kg	113				70	121	
2,4-Dinitrophenol	3700		3800	ug/Kg	103				16	160	
4-Nitrophenol	3700		4000	ug/Kg	108				45	133	
Dibenzofuran	1800		2000	ug/Kg	111	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		4100	ug/Kg	114				55	128	
2,4-Dinitrotoluene	1800		2100	ug/Kg	117				55	128	
Diethylphthalate	1800		2100	ug/Kg	117	*			70	112	
4-Chlorophenyl-phenylether	1800		1900	ug/Kg	106				71	108	
Fluorene	1800		2000	ug/Kg	111				68	116	
4-Nitroaniline	1800		2200	ug/Kg	122	*			55	120	
4,6-Dinitro-2-methylphenol	1800		2300	ug/Kg	128				32	145	
N-Nitrosodiphenylamine	1800		2100	ug/Kg	117				73	118	
Azobenzene	1800		2200	ug/Kg	122	*			73	110	
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111				65	121	
Hexachlorobenzene	1800		1900	ug/Kg	106				67	118	
Atrazine	1800		1900	ug/Kg	106				79	127	
Pentachlorophenol	3700		3500	ug/Kg	95				47	128	
Phenanthrene	1800		2100	ug/Kg	117	*			72	113	
Anthracene	1800		2100	ug/Kg	117				62	124	
Carbazole	1800		2000	ug/Kg	111				59	119	
Di-n-butylphthalate	1800		2200	ug/Kg	122	*			69	118	
Fluoranthene	1800		1900	ug/Kg	106				59	125	
Benzydine	3700		1500	ug/Kg	41				10	119	
Pyrene	1800		1900	ug/Kg	106				52	128	
Butylbenzylphthalate	1800		2400	ug/Kg	133	*			64	126	
3,3-Dichlorobenzidine	1800		2000	ug/Kg	111				10	164	
Benzo(a)anthracene	1800		2100	ug/Kg	117	*			71	114	
Chrysene	1800		2100	ug/Kg	117				57	121	
bis(2-Ethylhexyl)phthalate	1800		2900	ug/Kg	161	*			66	127	
Di-n-octyl phthalate	1800		2800	ug/Kg	156	*			71	126	
Benzo(b)fluoranthene	1800		2000	ug/Kg	111				67	121	
Benzo(k)fluoranthene	1800		2000	ug/Kg	111				74	114	
Benzo(a)pyrene	1800		2200	ug/Kg	122				70	142	
Indeno(1,2,3-cd)pyrene	1800		2000	ug/Kg	111				61	125	
Dibenz(a,h)anthracene	1800		2000	ug/Kg	111				67	130	
Benzo(g,h,i)perylene	1800		1800	ug/Kg	100				53	140	
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100				69	124	
1,4-Dioxane	1800		1700	ug/Kg	94				46	112	
2,3,4,6-Tetrachlorophenol	1800		2000	ug/Kg	111				56	133	
1-Methylnaphthalene	1800		1900	ug/Kg	106				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3193-02MSD		Client Sample ID: FILL-MATERIAL-1MSD		DataFile: BF138594.D							
n-Nitrosodimethylamine	1800		2100	ug/Kg	117		0		66	124	20
Pyridine	1800		1800	ug/Kg	100		0		45	119	20
Benzaldehyde	1800		360	ug/Kg	20	*	0		26	163	20
Aniline	1800		1900	ug/Kg	106	*	6		10	88	20
Phenol	1800		2200	ug/Kg	122		0		67	126	20
bis(2-Chloroethyl)ether	1800		2100	ug/Kg	117	*	0		74	116	20
2-Chlorophenol	1800		2200	ug/Kg	122		0		61	138	20
1,2-Dichlorobenzene	1800		2000	ug/Kg	111	*	0		61	105	20
1,3-Dichlorobenzene	1800		2000	ug/Kg	111	*	0		62	101	20
1,4-Dichlorobenzene	1800		2000	ug/Kg	111	*	0		63	104	20
Benzyl Alcohol	1800		2200	ug/Kg	122		0		47	126	20
2-Methylphenol	1800		2100	ug/Kg	117		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800		2000	ug/Kg	111		0		52	115	20
Acetophenone	1800		1800	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1800		2100	ug/Kg	117		0		53	132	20
N-Nitroso-di-n-propylamine	1800		2100	ug/Kg	117		0		59	119	20
Hexachloroethane	1800		2000	ug/Kg	111		0		65	117	20
Nitrobenzene	1800		1900	ug/Kg	106		0		70	119	20
Isophorone	1800		2100	ug/Kg	117		0		76	122	20
2-Nitrophenol	1800		2100	ug/Kg	117		0		54	145	20
2,4-Dimethylphenol	1800		2200	ug/Kg	122		0		83	144	20
bis(2-Chloroethoxy)methane	1800		2000	ug/Kg	111		0		68	112	20
2,4-Dichlorophenol	1800		2000	ug/Kg	111		0		72	118	20
1,2,4-Trichlorobenzene	1800		1800	ug/Kg	100		0		57	103	20
Benzoic acid	1800		1800	ug/Kg	100		6		50	104	20
Naphthalene	1800		2000	ug/Kg	111	*	0		72	110	20
4-Chloroaniline	1800		1400	ug/Kg	78		8		10	100	20
Hexachlorobutadiene	1800		1700	ug/Kg	94		0		66	114	20
Caprolactam	1800		2100	ug/Kg	117		5		51	134	20
4-Chloro-3-methylphenol	1800		2100	ug/Kg	117		0		57	132	20
2-Methylnaphthalene	1800		2000	ug/Kg	111		0		59	123	20
Hexachlorocyclopentadiene	3700		4400	ug/Kg	119		0		10	175	20
2,4,6-Trichlorophenol	1800		2000	ug/Kg	111		0		72	117	20
2,4,5-Trichlorophenol	1800		1900	ug/Kg	106		0		72	117	20
1,1-Biphenyl	1800		1900	ug/Kg	106		0		75	113	20
2-Chloronaphthalene	1800		2000	ug/Kg	111		0		67	118	20
2-Nitroaniline	1800		2200	ug/Kg	122		0		69	127	20
Dimethylphthalate	1800		2100	ug/Kg	117	*	0		70	113	20
Acenaphthylene	1800		2200	ug/Kg	122	*	0		79	118	20
2,6-Dinitrotoluene	1800		2000	ug/Kg	111		0		70	125	20
3-Nitroaniline	1800		1700	ug/Kg	94		0		20	111	20
Acenaphthene	1800		2000	ug/Kg	111		0		70	121	20
Total PAH	28800		32400	ug/Kg	113		0		70	121	20
2,4-Dinitrophenol	3700		3900	ug/Kg	105		2		16	160	20
4-Nitrophenol	3700		4100	ug/Kg	111		3		45	133	20
Dibenzofuran	1800		2100	ug/Kg	117	*	5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		4100	ug/Kg	114		0		55	128	20
2,4-Dinitrotoluene	1800		2100	ug/Kg	117		0		55	128	20
Diethylphthalate	1800		2100	ug/Kg	117	*	0		70	112	20
4-Chlorophenyl-phenylether	1800		1900	ug/Kg	106		0		71	108	20
Fluorene	1800		2000	ug/Kg	111		0		68	116	20
4-Nitroaniline	1800		2200	ug/Kg	122	*	0		55	120	20
4,6-Dinitro-2-methylphenol	1800		2300	ug/Kg	128		0		32	145	20
N-Nitrosodiphenylamine	1800		2100	ug/Kg	117		0		73	118	20
Azobenzene	1800		2200	ug/Kg	122	*	0		73	110	20
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111		0		65	121	20
Hexachlorobenzene	1800		2000	ug/Kg	111		5		67	118	20
Atrazine	1800		1900	ug/Kg	106		0		79	127	20
Pentachlorophenol	3700		3500	ug/Kg	95		0		47	128	20
Phenanthrene	1800		2100	ug/Kg	117	*	0		72	113	20
Anthracene	1800		2100	ug/Kg	117		0		62	124	20
Carbazole	1800		2000	ug/Kg	111		0		59	119	20
Di-n-butylphthalate	1800		2200	ug/Kg	122	*	0		69	118	20
Fluoranthene	1800		1900	ug/Kg	106		0		59	125	20
Benzydine	3700		1700	ug/Kg	46		11		10	119	20
Pyrene	1800		1900	ug/Kg	106		0		52	128	20
Butylbenzylphthalate	1800		2400	ug/Kg	133	*	0		64	126	20
3,3-Dichlorobenzidine	1800		2100	ug/Kg	117		5		10	164	20
Benzo(a)anthracene	1800		2100	ug/Kg	117	*	0		71	114	20
Chrysene	1800		2000	ug/Kg	111		5		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2900	ug/Kg	161	*	0		66	127	20
Di-n-octyl phthalate	1800		2800	ug/Kg	156	*	0		71	126	20
Benzo(b)fluoranthene	1800		2100	ug/Kg	117		5		67	121	20
Benzo(k)fluoranthene	1800		2000	ug/Kg	111		0		74	114	20
Benzo(a)pyrene	1800		2200	ug/Kg	122		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800		2000	ug/Kg	111		0		61	125	20
Dibenz(a,h)anthracene	1800		2000	ug/Kg	111		0		67	130	20
Benzo(g,h,i)perylene	1800		1800	ug/Kg	100		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100		0		69	124	20
1,4-Dioxane	1800		1800	ug/Kg	100		6		46	112	20
2,3,4,6-Tetrachlorophenol	1800		2100	ug/Kg	117		5		56	133	20
1-Methylnaphthalene	1800		1900	ug/Kg	106		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3294-01MS		Client Sample ID: HR-1-071724MS		DataFile: BF138596.D							
n-Nitrosodimethylamine	1000		1100	ug/Kg	110				66	124	
Pyridine	1000		980	ug/Kg	98				45	119	
Benzaldehyde	1000		150	ug/Kg	15	*			26	163	
Aniline	1000		700	ug/Kg	70				10	88	
Phenol	1000		1100	ug/Kg	110				67	126	
bis(2-Chloroethyl)ether	1000		1100	ug/Kg	110				74	116	
2-Chlorophenol	1000		1100	ug/Kg	110				61	138	
1,2-Dichlorobenzene	1000		1000	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1000		1000	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1000		1000	ug/Kg	100				63	104	
Benzyl Alcohol	1000		1100	ug/Kg	110				47	126	
2-Methylphenol	1000		1100	ug/Kg	110				66	122	
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100				52	115	
Acetophenone	1000		990	ug/Kg	99				75	111	
3+4-Methylphenols	1000		1100	ug/Kg	110				53	132	
N-Nitroso-di-n-propylamine	1000		1100	ug/Kg	110				59	119	
Hexachloroethane	1000		1000	ug/Kg	100				65	117	
Nitrobenzene	1000		1000	ug/Kg	100				70	119	
Isophorone	1000		1100	ug/Kg	110				76	122	
2-Nitrophenol	1000		1100	ug/Kg	110				54	145	
2,4-Dimethylphenol	1000		1200	ug/Kg	120				83	144	
bis(2-Chloroethoxy)methane	1000		1100	ug/Kg	110				68	112	
2,4-Dichlorophenol	1000		1000	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1000		970	ug/Kg	97				57	103	
Benzoic acid	1000		920	ug/Kg	92				50	104	
Naphthalene	1000		1000	ug/Kg	100				72	110	
4-Chloroaniline	1000		320	ug/Kg	32				10	100	
Hexachlorobutadiene	1000		900	ug/Kg	90				66	114	
Caprolactam	1000		1000	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1000		1000	ug/Kg	100				57	132	
2-Methylnaphthalene	1000		1000	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2100		1800	ug/Kg	86				10	175	
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	1000		1000	ug/Kg	100				72	117	
1,1-Biphenyl	1000		1000	ug/Kg	100				75	113	
2-Chloronaphthalene	1000		1100	ug/Kg	110				67	118	
2-Nitroaniline	1000		1200	ug/Kg	120				69	127	
Dimethylphthalate	1000		1100	ug/Kg	110				70	113	
Acenaphthylene	1000		1200	ug/Kg	120	*			79	118	
2,6-Dinitrotoluene	1000		1100	ug/Kg	110				70	125	
3-Nitroaniline	1000		750	ug/Kg	75				20	111	
Acenaphthene	1000		1100	ug/Kg	110				70	121	
Total PAH	16000		16460	ug/Kg	103				70	121	
2,4-Dinitrophenol	2100		1800	ug/Kg	86				16	160	
4-Nitrophenol	2100		1900	ug/Kg	90				45	133	
Dibenzofuran	1000		1100	ug/Kg	110				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		1100	ug/Kg	110				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		2200	ug/Kg	110				55	128	
Diethylphthalate	1000		1100	ug/Kg	110				70	112	
4-Chlorophenyl-phenylether	1000		990	ug/Kg	99				71	108	
Fluorene	1000		1000	ug/Kg	100				68	116	
4-Nitroaniline	1000		990	ug/Kg	99				55	120	
4,6-Dinitro-2-methylphenol	1000		1200	ug/Kg	120				32	145	
N-Nitrosodiphenylamine	1000		1200	ug/Kg	120	*			73	118	
Azobenzene	1000		1100	ug/Kg	110				73	110	
4-Bromophenyl-phenylether	1000		1100	ug/Kg	110				65	121	
Hexachlorobenzene	1000		1100	ug/Kg	110				67	118	
Atrazine	1000		1100	ug/Kg	110				79	127	
Pentachlorophenol	2100		1900	ug/Kg	90				47	128	
Phenanthrene	1000		1100	ug/Kg	110				72	113	
Anthracene	1000		1100	ug/Kg	110				62	124	
Carbazole	1000		1100	ug/Kg	110				59	119	
Di-n-butylphthalate	1000		1200	ug/Kg	120	*			69	118	
Fluoranthene	1000		1000	ug/Kg	100				59	125	
Benzidine	2100		880	ug/Kg	42				10	119	
Pyrene	1000		800	ug/Kg	80				52	128	
Butylbenzylphthalate	1000		1100	ug/Kg	110				64	126	
3,3-Dichlorobenzidine	1000		800	ug/Kg	80				10	164	
Benzo(a)anthracene	1000		1100	ug/Kg	110				71	114	
Chrysene	1000		1100	ug/Kg	110				57	121	
bis(2-Ethylhexyl)phthalate	1000		1500	ug/Kg	150	*			66	127	
Di-n-octyl phthalate	1000		1600	ug/Kg	160	*			71	126	
Benzo(b)fluoranthene	1000		1200	ug/Kg	120				67	121	
Benzo(k)fluoranthene	1000		1200	ug/Kg	120	*			74	114	
Benzo(a)pyrene	1000		1100	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	1000		860	ug/Kg	86				61	125	
Dibenz(a,h)anthracene	1000		850	ug/Kg	85				67	130	
Benzo(g,h,i)perylene	1000		750	ug/Kg	75				53	140	
1,2,4,5-Tetrachlorobenzene	1000		1000	ug/Kg	100				69	124	
1,4-Dioxane	1000		950	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	1000		1000	ug/Kg	100				56	133	
1-Methylnaphthalene	1000		950	ug/Kg	95				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3294-01MSD		Client Sample ID: HR-1-071724MSD		DataFile: BF138597.D							
n-Nitrosodimethylamine	1000		1100	ug/Kg	110		0		66	124	20
Pyridine	1000		970	ug/Kg	97		1		45	119	20
Benzaldehyde	1000		150	ug/Kg	15	*	0		26	163	20
Aniline	1000		690	ug/Kg	69		1		10	88	20
Phenol	1000		1100	ug/Kg	110		0		67	126	20
bis(2-Chloroethyl)ether	1000		1100	ug/Kg	110		0		74	116	20
2-Chlorophenol	1000		1100	ug/Kg	110		0		61	138	20
1,2-Dichlorobenzene	1000		1000	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1000		1000	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1000		1000	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1000		1100	ug/Kg	110		0		47	126	20
2-Methylphenol	1000		1000	ug/Kg	100		10		66	122	20
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100		0		52	115	20
Acetophenone	1000		990	ug/Kg	99		0		75	111	20
3+4-Methylphenols	1000		1100	ug/Kg	110		0		53	132	20
N-Nitroso-di-n-propylamine	1000		1100	ug/Kg	110		0		59	119	20
Hexachloroethane	1000		1000	ug/Kg	100		0		65	117	20
Nitrobenzene	1000		1000	ug/Kg	100		0		70	119	20
Isophorone	1000		1100	ug/Kg	110		0		76	122	20
2-Nitrophenol	1000		1100	ug/Kg	110		0		54	145	20
2,4-Dimethylphenol	1000		1200	ug/Kg	120		0		83	144	20
bis(2-Chloroethoxy)methane	1000		1100	ug/Kg	110		0		68	112	20
2,4-Dichlorophenol	1000		1000	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1000		960	ug/Kg	96		1		57	103	20
Benzoic acid	1000		930	ug/Kg	93		1		50	104	20
Naphthalene	1000		1000	ug/Kg	100		0		72	110	20
4-Chloroaniline	1000		330	ug/Kg	33		3		10	100	20
Hexachlorobutadiene	1000		920	ug/Kg	92		2		66	114	20
Caprolactam	1000		980	ug/Kg	98		2		51	134	20
4-Chloro-3-methylphenol	1000		1000	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1000		990	ug/Kg	99		1		59	123	20
Hexachlorocyclopentadiene	2100		1500	ug/Kg	71		19		10	175	20
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110		0		72	117	20
2,4,5-Trichlorophenol	1000		980	ug/Kg	98		2		72	117	20
1,1-Biphenyl	1000		1000	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1000		1000	ug/Kg	100		10		67	118	20
2-Nitroaniline	1000		1100	ug/Kg	110		9		69	127	20
Dimethylphthalate	1000		1100	ug/Kg	110		0		70	113	20
Acenaphthylene	1000		1100	ug/Kg	110		9		79	118	20
2,6-Dinitrotoluene	1000		1000	ug/Kg	100		10		70	125	20
3-Nitroaniline	1000		730	ug/Kg	73		3		20	111	20
Acenaphthene	1000		1100	ug/Kg	110		0		70	121	20
Total PAH	16000		16220	ug/Kg	101		2		70	121	20
2,4-Dinitrophenol	2100		1700	ug/Kg	81		6		16	160	20
4-Nitrophenol	2100		1800	ug/Kg	86		5		45	133	20
Dibenzofuran	1000		1000	ug/Kg	100		10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		1000	ug/Kg	100		10		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		2000	ug/Kg	100		10		55	128	20
Diethylphthalate	1000		1100	ug/Kg	110		0		70	112	20
4-Chlorophenyl-phenylether	1000		970	ug/Kg	97		2		71	108	20
Fluorene	1000		970	ug/Kg	97		3		68	116	20
4-Nitroaniline	1000		930	ug/Kg	93		6		55	120	20
4,6-Dinitro-2-methylphenol	1000		1200	ug/Kg	120		0		32	145	20
N-Nitrosodiphenylamine	1000		1200	ug/Kg	120	*	0		73	118	20
Azobenzene	1000		1000	ug/Kg	100		10		73	110	20
4-Bromophenyl-phenylether	1000		1100	ug/Kg	110		0		65	121	20
Hexachlorobenzene	1000		1100	ug/Kg	110		0		67	118	20
Atrazine	1000		1100	ug/Kg	110		0		79	127	20
Pentachlorophenol	2100		1900	ug/Kg	90		0		47	128	20
Phenanthrene	1000		1100	ug/Kg	110		0		72	113	20
Anthracene	1000		1100	ug/Kg	110		0		62	124	20
Carbazole	1000		1100	ug/Kg	110		0		59	119	20
Di-n-butylphthalate	1000		1200	ug/Kg	120	*	0		69	118	20
Fluoranthene	1000		1000	ug/Kg	100		0		59	125	20
Benzydine	2100		1000	ug/Kg	48		13		10	119	20
Pyrene	1000		820	ug/Kg	82		2		52	128	20
Butylbenzylphthalate	1000		1200	ug/Kg	120		9		64	126	20
3,3-Dichlorobenzidine	1000		880	ug/Kg	88		10		10	164	20
Benzo(a)anthracene	1000		1100	ug/Kg	110		0		71	114	20
Chrysene	1000		1100	ug/Kg	110		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000		1500	ug/Kg	150	*	0		66	127	20
Di-n-octyl phthalate	1000		1600	ug/Kg	160	*	0		71	126	20
Benzo(b)fluoranthene	1000		1100	ug/Kg	110		9		67	121	20
Benzo(k)fluoranthene	1000		1100	ug/Kg	110		9		74	114	20
Benzo(a)pyrene	1000		1100	ug/Kg	110		0		70	142	20
Indeno(1,2,3-cd)pyrene	1000		890	ug/Kg	89		3		61	125	20
Dibenz(a,h)anthracene	1000		870	ug/Kg	87		2		67	130	20
Benzo(g,h,i)perylene	1000		770	ug/Kg	77		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1000		970	ug/Kg	97		3		69	124	20
1,4-Dioxane	1000		930	ug/Kg	93		2		46	112	20
2,3,4,6-Tetrachlorophenol	1000		970	ug/Kg	97		3		56	133	20
1-Methylnaphthalene	1000		930	ug/Kg	93		2		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3246-02MS		Client Sample ID: WC-CTW2-BL-01MS		DataFile: BF138585.D							
n-Nitrosodimethylamine	500		510	ug/L	102				10	130	
Pyridine	500		340	ug/L	68				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		250	ug/L	50				10	130	
Phenol	500		470	ug/L	94				10	130	
bis(2-Chloroethyl)ether	500		530	ug/L	106				29	141	
2-Chlorophenol	500		540	ug/L	108				23	127	
1,2-Dichlorobenzene	500		480	ug/L	96				61	114	
1,3-Dichlorobenzene	500		460	ug/L	92				65	106	
1,4-Dichlorobenzene	500		470	ug/L	94				55	125	
Benzyl Alcohol	500		560	ug/L	112	*			31	94	
2-Methylphenol	500		540	ug/L	108				23	132	
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100				36	141	
Acetophenone	500		480	ug/L	96				31	164	
3+4-Methylphenols	500		530	ug/L	106				17	136	
N-Nitroso-di-n-propylamine	500		540	ug/L	108				36	147	
Hexachloroethane	500		460	ug/L	92				35	137	
Nitrobenzene	500		490	ug/L	98				40	134	
Isophorone	500		540	ug/L	108				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500		590	ug/L	118				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		520	ug/L	104				22	146	
1,2,4-Trichlorobenzene	500		460	ug/L	92				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		490	ug/L	98				17	157	
4-Chloroaniline	500		140	ug/L	28				10	95	
Hexachlorobutadiene	500		420	ug/L	84				52	125	
Caprolactam	500		430	ug/L	86				10	130	
4-Chloro-3-methylphenol	500		550	ug/L	110				17	148	
2-Methylnaphthalene	500		510	ug/L	102				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		530	ug/L	106				46	139	
2,4,5-Trichlorophenol	500		510	ug/L	102				42	129	
1,1-Biphenyl	500		490	ug/L	98				38	154	
2-Chloronaphthalene	500		520	ug/L	104				41	145	
2-Nitroaniline	500		580	ug/L	116				39	151	
Dimethylphthalate	500		560	ug/L	112				42	147	
Acenaphthylene	500		570	ug/L	114				40	141	
2,6-Dinitrotoluene	500		530	ug/L	106				43	148	
3-Nitroaniline	500		170	ug/L	34				10	111	
Acenaphthene	500		540	ug/L	108				37	146	
Total PAH	8000		8710	ug/L	109				37	146	
2,4-Dinitrophenol	1000		1000	ug/L	100				14	167	
4-Nitrophenol	1000		990	ug/L	99				10	130	
Dibenzofuran	500		530	ug/L	106				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		560	ug/L	112				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1090	ug/L	109				40	151	
Diethylphthalate	500		570	ug/L	114				41	148	
4-Chlorophenyl-phenylether	500		510	ug/L	102				38	149	
Fluorene	500		540	ug/L	108				39	144	
4-Nitroaniline	500		510	ug/L	102				27	138	
4,6-Dinitro-2-methylphenol	500		610	ug/L	122				32	175	
N-Nitrosodiphenylamine	500		560	ug/L	112				40	150	
Azobenzene	500		570	ug/L	114	*			72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		530	ug/L	106				60	129	
Atrazine	500		420	ug/L	84				20	162	
Pentachlorophenol	1000		980	ug/L	98				15	137	
Phenanthrene	500		560	ug/L	112				40	147	
Anthracene	500		570	ug/L	114				41	146	
Carbazole	500		540	ug/L	108				37	154	
Di-n-butylphthalate	500		590	ug/L	118				40	151	
Fluoranthene	500		520	ug/L	104				42	146	
Benzidine	1000		60.8	ug/L	6	*			10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		630	ug/L	126				39	155	
3,3-Dichlorobenzidine	500		370	ug/L	74				10	114	
Benzo(a)anthracene	500		570	ug/L	114				41	147	
Chrysene	500		550	ug/L	110				44	144	
bis(2-Ethylhexyl)phthalate	500		750	ug/L	150				33	160	
Di-n-octyl phthalate	500		740	ug/L	148				36	158	
Benzo(b)fluoranthene	500		540	ug/L	108				40	150	
Benzo(k)fluoranthene	500		540	ug/L	108				40	147	
Benzo(a)pyrene	500		580	ug/L	116				42	147	
Indeno(1,2,3-cd)pyrene	500		570	ug/L	114				30	166	
Dibenz(a,h)anthracene	500		550	ug/L	110				23	172	
Benzo(g,h,i)perylene	500		510	ug/L	102				27	167	
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92				89	102	
1,4-Dioxane	500		420	ug/L	84				38	130	
2,3,4,6-Tetrachlorophenol	500		560	ug/L	112	*			91	111	
1-Methylnaphthalene	500		490	ug/L	98				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3246-02MSD		Client Sample ID: WC-CTW2-BL-01MSD		DataFile: BF138586.D							
n-Nitrosodimethylamine	500		520	ug/L	104		2		10	130	20
Pyridine	500		370	ug/L	74		8		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		270	ug/L	54		8		10	130	20
Phenol	500		490	ug/L	98		4		10	130	20
bis(2-Chloroethyl)ether	500		540	ug/L	108		2		29	141	20
2-Chlorophenol	500		550	ug/L	110		2		23	127	20
1,2-Dichlorobenzene	500		480	ug/L	96		0		61	114	20
1,3-Dichlorobenzene	500		470	ug/L	94		2		65	106	20
1,4-Dichlorobenzene	500		470	ug/L	94		0		55	125	20
Benzyl Alcohol	500		580	ug/L	116	*	4		31	94	20
2-Methylphenol	500		550	ug/L	110		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100		0		36	141	20
Acetophenone	500		480	ug/L	96		0		31	164	20
3+4-Methylphenols	500		550	ug/L	110		4		17	136	20
N-Nitroso-di-n-propylamine	500		540	ug/L	108		0		36	147	20
Hexachloroethane	500		460	ug/L	92		0		35	137	20
Nitrobenzene	500		500	ug/L	100		2		40	134	20
Isophorone	500		540	ug/L	108		0		39	146	20
2-Nitrophenol	500		530	ug/L	106		0		30	148	20
2,4-Dimethylphenol	500		590	ug/L	118		0		17	143	20
bis(2-Chloroethoxy)methane	500		530	ug/L	106		0		39	143	20
2,4-Dichlorophenol	500		530	ug/L	106		2		22	146	20
1,2,4-Trichlorobenzene	500		450	ug/L	90		2		66	110	20
Benzoic acid	500		480	ug/L	96		4		10	101	20
Naphthalene	500		500	ug/L	100		2		17	157	20
4-Chloroaniline	500		140	ug/L	28		0		10	95	20
Hexachlorobutadiene	500		410	ug/L	82		2		52	125	20
Caprolactam	500		460	ug/L	92		7		10	130	20
4-Chloro-3-methylphenol	500		550	ug/L	110		0		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		0		38	146	20
Hexachlorocyclopentadiene	1000		1200	ug/L	120		0		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		0		46	139	20
2,4,5-Trichlorophenol	500		510	ug/L	102		0		42	129	20
1,1-Biphenyl	500		480	ug/L	96		2		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		2		41	145	20
2-Nitroaniline	500		580	ug/L	116		0		39	151	20
Dimethylphthalate	500		560	ug/L	112		0		42	147	20
Acenaphthylene	500		580	ug/L	116		2		40	141	20
2,6-Dinitrotoluene	500		540	ug/L	108		2		43	148	20
3-Nitroaniline	500		170	ug/L	34		0		10	111	20
Acenaphthene	500		540	ug/L	108		0		37	146	20
Total PAH	8000		8810	ug/L	110		1		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		10		14	167	20
4-Nitrophenol	1000		1000	ug/L	100		1		10	130	20
Dibenzofuran	500		540	ug/L	108		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		570	ug/L	114		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1110	ug/L	111		2		40	151	20
Diethylphthalate	500		560	ug/L	112		2		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		0		38	149	20
Fluorene	500		540	ug/L	108		0		39	144	20
4-Nitroaniline	500		530	ug/L	106		4		27	138	20
4,6-Dinitro-2-methylphenol	500		610	ug/L	122		0		32	175	20
N-Nitrosodiphenylamine	500		550	ug/L	110		2		40	150	20
Azobenzene	500		570	ug/L	114	*	0		72	112	20
4-Bromophenyl-phenylether	500		520	ug/L	104		2		42	151	20
Hexachlorobenzene	500		520	ug/L	104		2		60	129	20
Atrazine	500		410	ug/L	82		2		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		2		15	137	20
Phenanthrene	500		560	ug/L	112		0		40	147	20
Anthracene	500		570	ug/L	114		0		41	146	20
Carbazole	500		550	ug/L	110		2		37	154	20
Di-n-butylphthalate	500		580	ug/L	116		2		40	151	20
Fluoranthene	500		530	ug/L	106		2		42	146	20
Benzidine	1000		0	ug/L	0	*	200	*	10	130	20
Pyrene	500		520	ug/L	104		2		41	149	20
Butylbenzylphthalate	500		660	ug/L	132		5		39	155	20
3,3-Dichlorobenzidine	500		350	ug/L	70		6		10	114	20
Benzo(a)anthracene	500		580	ug/L	116		2		41	147	20
Chrysene	500		560	ug/L	112		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		780	ug/L	156		4		33	160	20
Di-n-octyl phthalate	500		730	ug/L	146		1		36	158	20
Benzo(b)fluoranthene	500		540	ug/L	108		0		40	150	20
Benzo(k)fluoranthene	500		560	ug/L	112		4		40	147	20
Benzo(a)pyrene	500		580	ug/L	116		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		580	ug/L	116		2		30	166	20
Dibenz(a,h)anthracene	500		560	ug/L	112		2		23	172	20
Benzo(g,h,i)perylene	500		510	ug/L	102		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90		2		89	102	20
1,4-Dioxane	500		430	ug/L	86		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		560	ug/L	112	*	0		91	111	20
1-Methylnaphthalene	500		490	ug/L	98		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3246-06MS		Client Sample ID: WC-CTW2-BL-02MS		DataFile: BF138590.D							
n-Nitrosodimethylamine	2100		2300	ug/Kg	110				66	124	
Pyridine	2100		1800	ug/Kg	86				45	119	
Benzaldehyde	2100		330	ug/Kg	16	*			26	163	
Aniline	2100		1700	ug/Kg	81				10	88	
Phenol	2100		2300	ug/Kg	110				67	126	
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105				74	116	
2-Chlorophenol	2100		2300	ug/Kg	110				61	138	
1,2-Dichlorobenzene	2100		2100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	2100		2100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2100		2100	ug/Kg	100				63	104	
Benzyl Alcohol	2100		2400	ug/Kg	114				47	126	
2-Methylphenol	2100		2200	ug/Kg	105				66	122	
2,2-oxybis(1-Chloropropane)	2100		2100	ug/Kg	100				52	115	
Acetophenone	2100		1900	ug/Kg	90				75	111	
3+4-Methylphenols	2100		2300	ug/Kg	110				53	132	
N-Nitroso-di-n-propylamine	2100		2300	ug/Kg	110				59	119	
Hexachloroethane	2100		2100	ug/Kg	100				65	117	
Nitrobenzene	2100		2000	ug/Kg	95				70	119	
Isophorone	2100		2200	ug/Kg	105				76	122	
2-Nitrophenol	2100		2200	ug/Kg	105				54	145	
2,4-Dimethylphenol	2100		2400	ug/Kg	114				83	144	
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100				68	112	
2,4-Dichlorophenol	2100		2100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90				57	103	
Benzoic acid	2100		1900	ug/Kg	90				50	104	
Naphthalene	2100		2100	ug/Kg	100				72	110	
4-Chloroaniline	2100		1000	ug/Kg	48				10	100	
Hexachlorobutadiene	2100		1800	ug/Kg	86				66	114	
Caprolactam	2100		2200	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105				57	132	
2-Methylnaphthalene	2100		2100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	4200		4900	ug/Kg	117				10	175	
2,4,6-Trichlorophenol	2100		2100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95				72	117	
1,1-Biphenyl	2100		1900	ug/Kg	90				75	113	
2-Chloronaphthalene	2100		2000	ug/Kg	95				67	118	
2-Nitroaniline	2100		2300	ug/Kg	110				69	127	
Dimethylphthalate	2100		2100	ug/Kg	100				70	113	
Acenaphthylene	2100		2300	ug/Kg	110				79	118	
2,6-Dinitrotoluene	2100		2100	ug/Kg	100				70	125	
3-Nitroaniline	2100		1500	ug/Kg	71				20	111	
Acenaphthene	2100		2100	ug/Kg	100				70	121	
Total PAH	33600		34100	ug/Kg	101				70	121	
2,4-Dinitrophenol	4200		4000	ug/Kg	95				16	160	
4-Nitrophenol	4200		4300	ug/Kg	102				45	133	
Dibenzofuran	2100		2100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4300	ug/Kg	102				55	128	
2,4-Dinitrotoluene	2100		2200	ug/Kg	105				55	128	
Diethylphthalate	2100		2100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	2100		2000	ug/Kg	95				71	108	
Fluorene	2100		2100	ug/Kg	100				68	116	
4-Nitroaniline	2100		2200	ug/Kg	105				55	120	
4,6-Dinitro-2-methylphenol	2100		2400	ug/Kg	114				32	145	
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105				73	118	
Azobenzene	2100		2200	ug/Kg	105				73	110	
4-Bromophenyl-phenylether	2100		2000	ug/Kg	95				65	121	
Hexachlorobenzene	2100		2000	ug/Kg	95				67	118	
Atrazine	2100		2000	ug/Kg	95				79	127	
Pentachlorophenol	4200		3800	ug/Kg	90				47	128	
Phenanthrene	2100		2200	ug/Kg	105				72	113	
Anthracene	2100		2200	ug/Kg	105				62	124	
Carbazole	2100		2100	ug/Kg	100				59	119	
Di-n-butylphthalate	2100		2200	ug/Kg	105				69	118	
Fluoranthene	2100		2000	ug/Kg	95				59	125	
Benzidine	4200		820	ug/Kg	20				10	119	
Pyrene	2100		2000	ug/Kg	95				52	128	
Butylbenzylphthalate	2100		2500	ug/Kg	119				64	126	
3,3-Dichlorobenzidine	2100		1800	ug/Kg	86				10	164	
Benzo(a)anthracene	2100		2200	ug/Kg	105				71	114	
Chrysene	2100		2200	ug/Kg	105				57	121	
bis(2-Ethylhexyl)phthalate	2100		2900	ug/Kg	138	*			66	127	
Di-n-octyl phthalate	2100		2900	ug/Kg	138	*			71	126	
Benzo(b)fluoranthene	2100		2300	ug/Kg	110				67	121	
Benzo(k)fluoranthene	2100		1900	ug/Kg	90				74	114	
Benzo(a)pyrene	2100		2300	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	2100		2200	ug/Kg	105				61	125	
Dibenz(a,h)anthracene	2100		2100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	2100		1900	ug/Kg	90				53	140	
1,2,4,5-Tetrachlorobenzene	2100		1800	ug/Kg	86				69	124	
1,4-Dioxane	2100		1900	ug/Kg	90				46	112	
2,3,4,6-Tetrachlorophenol	2100		2100	ug/Kg	100				56	133	
1-Methylnaphthalene	2100		1900	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3246-06MSD		Client Sample ID: WC-CTW2-BL-02MSD		DataFile: BF138591.D							
n-Nitrosodimethylamine	2100		2200	ug/Kg	105		5		66	124	20
Pyridine	2100		1800	ug/Kg	86		0		45	119	20
Benzaldehyde	2100		330	ug/Kg	16	*	0		26	163	20
Aniline	2100		1700	ug/Kg	81		0		10	88	20
Phenol	2100		2300	ug/Kg	110		0		67	126	20
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105		0		74	116	20
2-Chlorophenol	2100		2300	ug/Kg	110		0		61	138	20
1,2-Dichlorobenzene	2100		2100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	2100		2100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	2100		2100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	2100		2300	ug/Kg	110		4		47	126	20
2-Methylphenol	2100		2200	ug/Kg	105		0		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2100	ug/Kg	100		0		52	115	20
Acetophenone	2100		1900	ug/Kg	90		0		75	111	20
3+4-Methylphenols	2100		2200	ug/Kg	105		5		53	132	20
N-Nitroso-di-n-propylamine	2100		2200	ug/Kg	105		5		59	119	20
Hexachloroethane	2100		2100	ug/Kg	100		0		65	117	20
Nitrobenzene	2100		2000	ug/Kg	95		0		70	119	20
Isophorone	2100		2100	ug/Kg	100		5		76	122	20
2-Nitrophenol	2100		2200	ug/Kg	105		0		54	145	20
2,4-Dimethylphenol	2100		2300	ug/Kg	110		4		83	144	20
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	2100		2100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90		0		57	103	20
Benzoic acid	2100		1800	ug/Kg	86		5		50	104	20
Naphthalene	2100		2100	ug/Kg	100		0		72	110	20
4-Chloroaniline	2100		1100	ug/Kg	52		8		10	100	20
Hexachlorobutadiene	2100		1800	ug/Kg	86		0		66	114	20
Caprolactam	2100		2200	ug/Kg	105		0		51	134	20
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105		0		57	132	20
2-Methylnaphthalene	2100		2000	ug/Kg	95		5		59	123	20
Hexachlorocyclopentadiene	4200		4900	ug/Kg	117		0		10	175	20
2,4,6-Trichlorophenol	2100		2100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95		0		72	117	20
1,1-Biphenyl	2100		1900	ug/Kg	90		0		75	113	20
2-Chloronaphthalene	2100		2000	ug/Kg	95		0		67	118	20
2-Nitroaniline	2100		2300	ug/Kg	110		0		69	127	20
Dimethylphthalate	2100		2200	ug/Kg	105		5		70	113	20
Acenaphthylene	2100		2300	ug/Kg	110		0		79	118	20
2,6-Dinitrotoluene	2100		2100	ug/Kg	100		0		70	125	20
3-Nitroaniline	2100		1600	ug/Kg	76		7		20	111	20
Acenaphthene	2100		2200	ug/Kg	105		5		70	121	20
Total PAH	33600		33800	ug/Kg	101		0		70	121	20
2,4-Dinitrophenol	4200		4100	ug/Kg	98		3		16	160	20
4-Nitrophenol	4200		4300	ug/Kg	102		0		45	133	20
Dibenzofuran	2100		2100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4300	ug/Kg	102		0		55	128	20
2,4-Dinitrotoluene	2100		2200	ug/Kg	105		0		55	128	20
Diethylphthalate	2100		2200	ug/Kg	105		5		70	112	20
4-Chlorophenyl-phenylether	2100		2000	ug/Kg	95		0		71	108	20
Fluorene	2100		2100	ug/Kg	100		0		68	116	20
4-Nitroaniline	2100		2200	ug/Kg	105		0		55	120	20
4,6-Dinitro-2-methylphenol	2100		2500	ug/Kg	119		4		32	145	20
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105		0		73	118	20
Azobenzene	2100		2200	ug/Kg	105		0		73	110	20
4-Bromophenyl-phenylether	2100		2100	ug/Kg	100		5		65	121	20
Hexachlorobenzene	2100		2000	ug/Kg	95		0		67	118	20
Atrazine	2100		2000	ug/Kg	95		0		79	127	20
Pentachlorophenol	4200		3800	ug/Kg	90		0		47	128	20
Phenanthrene	2100		2100	ug/Kg	100		5		72	113	20
Anthracene	2100		2200	ug/Kg	105		0		62	124	20
Carbazole	2100		2100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	2100		2200	ug/Kg	105		0		69	118	20
Fluoranthene	2100		1900	ug/Kg	90		5		59	125	20
Benzidine	4200		890	ug/Kg	21		5		10	119	20
Pyrene	2100		2000	ug/Kg	95		0		52	128	20
Butylbenzylphthalate	2100		2500	ug/Kg	119		0		64	126	20
3,3-Dichlorobenzidine	2100		1900	ug/Kg	90		5		10	164	20
Benzo(a)anthracene	2100		2200	ug/Kg	105		0		71	114	20
Chrysene	2100		2100	ug/Kg	100		5		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2900	ug/Kg	138	*	0		66	127	20
Di-n-octyl phthalate	2100		2900	ug/Kg	138	*	0		71	126	20
Benzo(b)fluoranthene	2100		2200	ug/Kg	105		5		67	121	20
Benzo(k)fluoranthene	2100		1900	ug/Kg	90		0		74	114	20
Benzo(a)pyrene	2100		2300	ug/Kg	110		0		70	142	20
Indeno(1,2,3-cd)pyrene	2100		2200	ug/Kg	105		0		61	125	20
Dibenz(a,h)anthracene	2100		2100	ug/Kg	100		0		67	130	20
Benzo(g,h,i)perylene	2100		1900	ug/Kg	90		0		53	140	20
1,2,4,5-Tetrachlorobenzene	2100		1800	ug/Kg	86		0		69	124	20
1,4-Dioxane	2100		1900	ug/Kg	90		0		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2100	ug/Kg	100		0		56	133	20
1-Methylnaphthalene	2100		1900	ug/Kg	90		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF071924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3193-02MS	FILL-MATERIAL- BF138593.D		2-Fluorophenol	150	117.58	78		18	112
			Phenol-d6	150	121.51	81		15	107
			Nitrobenzene-d5	100	78.06	78		18	107
			2-Fluorobiphenyl	100	75.94	76		20	109
			2,4,6-Tribromophenol	150	121.59	81		10	110
			Terphenyl-d14	100	86.96	87		14	112
P3193-02MSD	FILL-MATERIAL- BF138594.D		2-Fluorophenol	150	116.59	78		18	112
			Phenol-d6	150	121.46	81		15	107
			Nitrobenzene-d5	100	78.15	78		18	107
			2-Fluorobiphenyl	100	76.34	76		20	109
			2,4,6-Tribromophenol	150	120.14	80		10	110
			Terphenyl-d14	100	87.01	87		14	112

Surrogate Summary

SW-846

SDG No.: **BF071924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3246-01	WC-CTW2-BL-01	BF138588.D	2-Fluorophenol	150	91.29	61		18	112
			Phenol-d6	150	92.28	62		15	107
			Nitrobenzene-d5	100	62.04	62		18	107
			2-Fluorobiphenyl	100	57.90	58		20	109
			2,4,6-Tribromophenol	150	94.63	63		10	110
			Terphenyl-d14	100	58.58	59		14	112
P3246-06	WC-CTW2-BL-02	BF138589.D	2-Fluorophenol	150	124.62	83		18	112
			Phenol-d6	150	128.25	85		15	107
			Nitrobenzene-d5	100	82.38	82		18	107
			2-Fluorobiphenyl	100	78.55	79		20	109
			2,4,6-Tribromophenol	150	128.78	86		10	110
			Terphenyl-d14	100	83.65	84		14	112
P3246-06MS	WC-CTW2-BL-02MBF138590.D		2-Fluorophenol	150	114.37	76		18	112
			Phenol-d6	150	119.57	80		15	107
			Nitrobenzene-d5	100	73.50	74		18	107
			2-Fluorobiphenyl	100	69.58	70		20	109
			2,4,6-Tribromophenol	150	112.76	75		10	110
			Terphenyl-d14	100	79.46	79		14	112
P3246-06MSD	WC-CTW2-BL-02MBF138591.D		2-Fluorophenol	150	114.71	76		18	112
			Phenol-d6	150	116.94	78		15	107
			Nitrobenzene-d5	100	72.44	72		18	107
			2-Fluorobiphenyl	100	71.21	71		20	109
			2,4,6-Tribromophenol	150	113.80	76		10	110
			Terphenyl-d14	100	78.92	79		14	112
P3246-21	WC-CTW2-BL-05	BF138592.D	2-Fluorophenol	150	136.59	91		18	112
			Phenol-d6	150	140.83	94		15	107
			Nitrobenzene-d5	100	91.52	92		18	107
			2-Fluorobiphenyl	100	84.25	84		20	109
			2,4,6-Tribromophenol	150	145.62	97		10	110
			Terphenyl-d14	100	95.11	95		14	112
P3248-02	B-120-SB02	BF138584.D	2-Fluorophenol	150	96.17	64		18	112
			Phenol-d6	150	97.49	65		15	107
			Nitrobenzene-d5	100	61.21	61		18	107
			2-Fluorobiphenyl	100	61.58	62		20	109
			2,4,6-Tribromophenol	150	98.23	65		10	110
			Terphenyl-d14	100	62.48	62		14	112

Surrogate Summary

SW-846

SDG No.: **BF071924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3246-02MS	WC-CTW2-BL-01MBF138585.D		2-Fluorophenol	150	130.97	87		10	139
			Phenol-d6	150	125.78	84		10	134
			Nitrobenzene-d5	100	93.27	93		49	133
			2-Fluorobiphenyl	100	91.80	92		52	132
			2,4,6-Tribromophenol	150	144.94	97		32	145
			Terphenyl-d14	100	104.63	105		36	145
P3246-02MSD	WC-CTW2-BL-01MBF138586.D		2-Fluorophenol	150	133.05	89		10	139
			Phenol-d6	150	129.26	86		10	134
			Nitrobenzene-d5	100	94.97	95		49	133
			2-Fluorobiphenyl	100	90.46	90		52	132
			2,4,6-Tribromophenol	150	147.90	99		32	145
			Terphenyl-d14	100	108.96	109		36	145
P3246-07	WC-CTW2-BL-02 BF138587.D		2-Fluorophenol	150	147.92	99		10	139
			Phenol-d6	150	139.33	93		10	134
			Nitrobenzene-d5	100	98.52	99		49	133
			2-Fluorobiphenyl	100	100.24	100		52	132
			2,4,6-Tribromophenol	150	169.90	113		32	145
			Terphenyl-d14	100	105.74	106		36	145
P3246-12	WC-CTW2-BL-03 BF138580.D		2-Fluorophenol	150	126.04	84		10	139
			Phenol-d6	150	121.83	81		10	134
			Nitrobenzene-d5	100	95.74	96		49	133
			2-Fluorobiphenyl	100	89.92	90		52	132
			2,4,6-Tribromophenol	150	146.48	98		32	145
			Terphenyl-d14	100	90.35	90		36	145
P3246-17	WC-CTW2-BL-04 BF138583.D		2-Fluorophenol	150	133.57	89		10	139
			Phenol-d6	150	123.20	82		10	134
			Nitrobenzene-d5	100	97.78	98		49	133
			2-Fluorobiphenyl	100	92.99	93		52	132
			2,4,6-Tribromophenol	150	154.68	103		32	145
			Terphenyl-d14	100	90.24	90		36	145
P3246-22	WC-CTW2-BL-05 BF138582.D		2-Fluorophenol	150	137.43	92		10	139
			Phenol-d6	150	127.74	85		10	134
			Nitrobenzene-d5	100	101.28	101		49	133
			2-Fluorobiphenyl	100	95.81	96		52	132
			2,4,6-Tribromophenol	150	159.45	106		32	145
			Terphenyl-d14	100	92.19	92		36	145
P3246-27	WC-CTW2-BL-06 BF138581.D		2-Fluorophenol	150	146.08	97		10	139
			Phenol-d6	150	137.17	91		10	134
			Nitrobenzene-d5	100	103.06	103		49	133
			2-Fluorobiphenyl	100	96.20	96		52	132
			2,4,6-Tribromophenol	150	159.25	106		32	145
			Terphenyl-d14	100	94.23	94		36	145
PB162114BL	PB162114BL	BF138579.D	2-Fluorophenol	150	140.48	94		10	139
			Phenol-d6	150	141.15	94		10	134
			Nitrobenzene-d5	100	95.42	95		49	133
			2-Fluorobiphenyl	100	91.51	92		52	132
			2,4,6-Tribromophenol	150	132.28	88		32	145
			Terphenyl-d14	100	89.92	90		36	145

Surrogate Summary

SW-846

SDG No.: **BF071924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3294-01	HR-1-071724	BF138595.D	2-Fluorophenol	150	111.61	74		18	112
			Phenol-d6	150	115.56	77		15	107
			Nitrobenzene-d5	100	75.72	76		18	107
			2-Fluorobiphenyl	100	78.38	78		20	109
			2,4,6-Tribromophenol	150	100.06	67		10	110
			Terphenyl-d14	100	67.72	68		14	112
P3294-01MS	HR-1-071724MS	BF138596.D	2-Fluorophenol	150	113.08	75		18	112
			Phenol-d6	150	114.70	76		15	107
			Nitrobenzene-d5	100	78.06	78		18	107
			2-Fluorobiphenyl	100	81.93	82		20	109
			2,4,6-Tribromophenol	150	104.58	70		10	110
			Terphenyl-d14	100	71.02	71		14	112
P3294-01MSD	HR-1-071724MSD	BF138597.D	2-Fluorophenol	150	112.65	75		18	112
			Phenol-d6	150	113.91	76		15	107
			Nitrobenzene-d5	100	77.45	77		18	107
			2-Fluorobiphenyl	100	79.06	79		20	109
			2,4,6-Tribromophenol	150	100.72	67		10	110
			Terphenyl-d14	100	73.66	74		14	112
P3294-03	HR-3-071724	BF138598.D	2-Fluorophenol	150	100.23	67		18	112
			Phenol-d6	150	97.87	65		15	107
			Nitrobenzene-d5	100	66.72	67		18	107
			2-Fluorobiphenyl	100	71.16	71		20	109
			2,4,6-Tribromophenol	150	79.14	53		10	110
			Terphenyl-d14	100	62.15	62		14	112
P3294-05	HR-4-071724	BF138599.D	2-Fluorophenol	150	85.26	57		18	112
			Phenol-d6	150	82.43	55		15	107
			Nitrobenzene-d5	100	59.00	59		18	107
			2-Fluorobiphenyl	100	67.15	67		20	109
			2,4,6-Tribromophenol	150	67.52	45		10	110
			Terphenyl-d14	100	60.87	61		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071924

Lab Code: CHEM

SAS No.: BF071924

SDG NO.: BF071924

Lab File ID: BF138577.D

DFTPP Injection Date: 07/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.9
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	98.5
443	15.0 - 24.0% of mass 442	18.5 (18.8) 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	BF138578.D	07/19/2024	09:18
PB162114BL	PB162114BL	BF138579.D	07/19/2024	09:48
WC-CTW2-BL-03	P3246-12	BF138580.D	07/19/2024	10:30
WC-CTW2-BL-06	P3246-27	BF138581.D	07/19/2024	10:59
WC-CTW2-BL-05	P3246-22	BF138582.D	07/19/2024	11:28
WC-CTW2-BL-04	P3246-17	BF138583.D	07/19/2024	11:58
B-120-SB02	P3248-02	BF138584.D	07/19/2024	12:29
WC-CTW2-BL-01MS	P3246-02MS	BF138585.D	07/19/2024	12:59
WC-CTW2-BL-01MSD	P3246-02MSD	BF138586.D	07/19/2024	13:28
WC-CTW2-BL-02	P3246-07	BF138587.D	07/19/2024	13:58
WC-CTW2-BL-01	P3246-01	BF138588.D	07/19/2024	14:28
WC-CTW2-BL-02	P3246-06	BF138589.D	07/19/2024	14:58
WC-CTW2-BL-02MS	P3246-06MS	BF138590.D	07/19/2024	15:28
WC-CTW2-BL-02MSD	P3246-06MSD	BF138591.D	07/19/2024	15:59
WC-CTW2-BL-05	P3246-21	BF138592.D	07/19/2024	16:30
FILL-MATERIAL-1MS	P3193-02MS	BF138593.D	07/19/2024	17:01
FILL-MATERIAL-1MSD	P3193-02MSD	BF138594.D	07/19/2024	17:31
HR-1-071724	P3294-01	BF138595.D	07/19/2024	18:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071924

Lab Code: CHEM

SAS No.: BF071924

SDG NO.: BF071924

Lab File ID: BF138577.D

DFTPP Injection Date: 07/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.9
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	98.5
443	15.0 - 24.0% of mass 442	18.5 (18.8) 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
HR-1-071724MS	P3294-01MS	BF138596.D	07/19/2024	18:32
HR-1-071724MSD	P3294-01MSD	BF138597.D	07/19/2024	19:02
HR-3-071724	P3294-03	BF138598.D	07/19/2024	19:33
HR-4-071724	P3294-05	BF138599.D	07/19/2024	20:03