

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG No.: BM071824

Instrument ID: BNA_M Calibration Date/Time: 7/18/2024 1:13:55

Lab File ID: BM046701.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.649	0.681		4.931	
Pyridine	0.876	0.919		4.909	
2-Fluorophenol	0.985	0.969		-1.624	
Benzaldehyde	0.765	0.671		-12.288	
Aniline	1.084	1.170		7.934	
Phenol-d6	1.254	1.302		3.828	
Phenol	1.219	1.237		1.56	20.0
bis(2-Chloroethyl) ether	0.905	0.953		5.304	
2-Chlorophenol	1.102	1.132		2.722	
1,2-Dichlorobenzene	1.408	1.411		0.213	
1,3-Dichlorobenzene	1.456	1.441		-1.03	
1,4-Dichlorobenzene	1.478	1.478		0.0	20.0
Benzyl Alcohol	1.021	1.103		8.031	
2-Methylphenol	0.868	0.925		6.567	
2,2-oxybis(1-Chloropropane)	0.946	1.014		7.188	
Acetophenone	0.460	0.458		-0.435	
3+4-Methylphenols	1.192	1.305		9.48	
n-Nitroso-di-n-propylamine	0.792	0.913	0.050	15.278	
Nitrobenzene-d5	0.385	0.385		0.0	
Hexachloroethane	0.537	0.552		2.793	
Nitrobenzene	0.378	0.364		-3.704	
Isophorone	0.579	0.617		6.563	
2-Nitrophenol	0.181	0.181		0.0	20.0
2,4-Dimethylphenol	0.196	0.198		1.02	
bis(2-Chloroethoxy) methane	0.330	0.342		3.636	
2,4-Dichlorophenol	0.353	0.351		-0.567	20.0
1,2,4-Trichlorobenzene	0.432	0.422		-2.315	
Benzoic acid	0.239	0.247		3.347	
Naphthalene	0.994	0.980		-1.408	
4-Chloroaniline	0.370	0.386		4.324	
Hexachlorobutadiene	0.292	0.282		-3.425	20.0
Caprolactam	0.093	0.104		11.828	
4-Chloro-3-methylphenol	0.326	0.342		4.908	20.0
2-Methylnaphthalene	0.754	0.772		2.387	
Hexachlorocyclopentadiene	0.159	0.245	0.050	54.088	
2,4,6-Trichlorophenol	0.428	0.417		-2.57	20.0
2-Fluorobiphenyl	1.416	1.409		-0.494	
2,4,5-Trichlorophenol	0.477	0.474		-0.629	
1,1-Biphenyl	1.391	1.378		-0.935	

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Instrument ID: BNA_M Calibration Date/Time: 7/18/2024 1:13:55

Lab File ID: BM046701.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.150	1.124		-2.261	
2-Nitroaniline	0.302	0.317		4.967	
Dimethylphthalate	1.383	1.461		5.64	
Acenaphthylene	1.598	1.613		0.939	
2,6-Dinitrotoluene	0.320	0.336		5.0	
3-Nitroaniline	0.289	0.308		6.574	
Acenaphthene	1.025	1.033		0.78	20.0
2,4-Dinitrophenol	0.162	0.223	0.050	37.654	
4-Nitrophenol	0.251	0.275	0.050	9.562	
Dibenzofuran	1.735	1.757		1.268	
2,4-Dinitrotoluene	0.463	0.500		7.991	
Diethylphthalate	1.427	1.566		9.741	
4-Chlorophenyl-phenylether	0.797	0.822		3.137	
Fluorene	1.483	1.531		3.237	
4-Nitroaniline	0.326	0.349		7.055	
4,6-Dinitro-2-methylphenol	0.104	0.128		23.077	
n-Nitrosodiphenylamine	0.519	0.517		-0.385	20.0
Azobenzene	1.159	1.215		4.832	
2,4,6-Tribromophenol	0.310	0.321		3.548	
4-Bromophenyl-phenylether	0.226	0.226		0.0	
Hexachlorobenzene	0.273	0.267		-2.198	
Atrazine	0.182	0.179		-1.648	
Pentachlorophenol	0.194	0.196		1.031	20.0
Phenanthrene	0.993	0.991		-0.201	
Anthracene	0.983	0.975		-0.814	
Carbazole	0.930	0.946		1.72	
Di-n-butylphthalate	1.040	1.105		6.25	
Fluoranthene	1.276	1.290		1.097	20.0
Benzidine	0.400	0.462		15.5	
Pyrene	1.424	1.367		-4.003	
Terphenyl-d14	1.106	1.091		-1.356	
Butylbenzylphthalate	0.514	0.544		5.837	
3,3-Dichlorobenzidine	0.460	0.471		2.391	
Benzo(a)anthracene	1.323	1.336		0.983	
Chrysene	1.234	1.246		0.972	
Bis(2-ethylhexyl)phthalate	0.686	0.755		10.058	
Di-n-octyl phthalate	1.156	1.267		9.602	20.0
Benzo(b)fluoranthene	1.231	1.229		-0.162	
Benzo(k)fluoranthene	1.162	1.170		0.688	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG No.: BM071824
 Instrument ID: BNA_M Calibration Date/Time: 7/18/2024 1:13:55
 Lab File ID: BM046701.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.065	1.066		0.094	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.302		0.463	
Dibenzo(a,h)anthracene	1.076	1.080		0.465	
Benzo(g,h,i)perylene	1.110	1.134		2.162	
1,2,4,5-Tetrachlorobenzene	0.650	0.619		-4.769	
1,4-Dioxane	0.299	0.282		-5.686	20.0
2,3,4,6-Tetrachlorophenol	0.440	0.449		2.045	
1-Methylnaphthalene	0.741	0.767		3.509	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	PB162084BL	SDG No.:	BM071824
Lab Sample ID:	PB162084BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046702.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

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

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	PB162084BL	SDG No.:	BM071824
Lab Sample ID:	PB162084BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046702.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

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

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	PB162084BL	SDG No.:	BM071824
Lab Sample ID:	PB162084BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046702.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	159.595		18-112		106	SPK: -150
13127-88-3	Phenol-d6	158.244		15-107		105	SPK: -150
4165-60-0	Nitrobenzene-d5	99.03		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	96.864		20-109		97	SPK: -100

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	PB162084BL	SDG No.:	BM071824
Lab Sample ID:	PB162084BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046702.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.24		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	112.467		14-112		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67811	7.493				
1146-65-2	Naphthalene-d8	252918	10.257				
15067-26-2	Acenaphthene-d10	198418	14.14				
1517-22-2	Phenanthrene-d10	463676	16.892				
1719-03-5	Chrysene-d12	480336	21.121				
1520-96-3	Perylene-d12	559550	23.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.693	
000057-10-3	n-Hexadecanoic acid	79.3	J			17.822	

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.:	BM071824
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
BM046703.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046703.D	1	7/17/2024 12:00:00 AM	7/18/2024 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-03	SDG No.:	BM071824
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
BM046703.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	132.827		10-139		89	SPK: -150
13127-88-3	Phenol-d6	117.506		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	97.109		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	101.76		52-132		102	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.:	BM071824
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
BM046703.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.397		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	107.996		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87691	7.486				
1146-65-2	Naphthalene-d8	296769	10.245				
15067-26-2	Acenaphthene-d10	195018	14.133				
1517-22-2	Phenanthrene-d10	380072	16.886				
1719-03-5	Chrysene-d12	345929	21.115				
1520-96-3	Perylene-d12	323061	23.88				

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.:	BM071824
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
BM046704.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046704.D	1	7/17/2024 12:00:00 AM	7/18/2024 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-06	SDG No.:	BM071824
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
BM046704.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	145.796		10-139		97	SPK: -150
13127-88-3	Phenol-d6	130.29		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	107.889		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	110.334		52-132		110	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.:	BM071824
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
BM046704.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.049		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	119.627		36-145		120	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93261	7.487				
1146-65-2	Naphthalene-d8	310981	10.245				
15067-26-2	Acenaphthene-d10	201415	14.133				
1517-22-2	Phenanthrene-d10	373095	16.886				
1719-03-5	Chrysene-d12	305952	21.115				
1520-96-3	Perylene-d12	358789	23.88				

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.:	BM071824
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
BM046705.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046705.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046705.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	143.933		10-139		96	SPK: -150
13127-88-3	Phenol-d6	124.735		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	105.734		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	109.67		52-132		110	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.:	BM071824
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
BM046705.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.33		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	128.827		36-145		129	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94245	7.487				
1146-65-2	Naphthalene-d8	315611	10.246				
15067-26-2	Acenaphthene-d10	211245	14.133				
1517-22-2	Phenanthrene-d10	414796	16.886				
1719-03-5	Chrysene-d12	301984	21.115				
1520-96-3	Perylene-d12	344941	23.88				

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.:	BM071824
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
BM046706.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046706.D	1	7/17/2024 12:00:00 AM	7/18/2024 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-04	SDG No.:	BM071824
Lab Sample ID:	P3246-17	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
BM046706.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	136.357		10-139		91	SPK: -150
13127-88-3	Phenol-d6	114.614		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	101.811		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	108.323		52-132		108	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.:	BM071824
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
BM046706.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.051		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	118.139		36-145		118	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81912	7.487				
1146-65-2	Naphthalene-d8	269876	10.245				
15067-26-2	Acenaphthene-d10	173138	14.133				
1517-22-2	Phenanthrene-d10	326933	16.886				
1719-03-5	Chrysene-d12	268872	21.115				
1520-96-3	Perylene-d12	320786	23.88				

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.:	BM071824
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
BM046707.D	1	7/16/2024 12:00:00 AM	7/18/2024 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



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.:	BM071824	
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
BM046707.D	1	7/16/2024 12:00:00 AM	7/18/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	290	U	290	220	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	220	290	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.:	BM071824
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
BM046707.D	1	7/16/2024 12:00:00 AM	7/18/2024 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	99.649		18-112		66	SPK: -150
13127-88-3	Phenol-d6	94.993		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	62.308		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	66.164		20-109		66	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.:	BM071824
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
BM046707.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.359		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	60.397		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79264	7.487				
1146-65-2	Naphthalene-d8	266217	10.245				
15067-26-2	Acenaphthene-d10	173949	14.133				
1517-22-2	Phenanthrene-d10	334264	16.886				
1719-03-5	Chrysene-d12	312768	21.115				
1520-96-3	Perylene-d12	407558	23.88				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.363	140	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			4.687	
013798-23-7	Hexathiane	1400	J			14.674	
000057-10-3	n-Hexadecanoic acid	530	J			17.821	
000057-11-4	Octadecanoic acid	190	J			19.115	
000638-66-4	Octadecanal	280	J			20.556	
018835-35-3	Nonacos-1-ene	480	J			20.85	
053057-53-7	1,21-Docosadiene	260	J			21.55	
033925-72-3	11-Tetradecyn-1-ol acetate	210	J			22.768	

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.:	BM071824
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
BM046708.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	330		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	210		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	520		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	520		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	470		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	510		16	80	100	ug/L
95-48-7	2-Methylphenol	480		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	480		10.1	40	50	ug/L
98-95-3	Nitrobenzene	480		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	570		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	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	500		11	40	50	ug/L
65-85-0	Benzoic acid	370		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	53.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	480		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.:	BM071824
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
BM046708.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	320		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	460		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	2700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	570		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	530		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	530		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	570		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	600		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	9100		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	870	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)	970		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	470		15.2	40	50	ug/L
84-66-2	Diethylphthalate	500		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	520		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	410		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	680		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	630		8.9	40	50	ug/L
103-33-3	Azobenzene	530		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	580		11.4	40	50	ug/L
1912-24-9	Atrazine	470		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.:	BM071824
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
BM046708.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	580		8.9	40	50	ug/L
120-12-7	Anthracene	590		10.7	40	50	ug/L
86-74-8	Carbazole	530		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	540		14.7	40	50	ug/L
206-44-0	Fluoranthene	490		12.9	40	50	ug/L
92-87-5	Benzidine	99.6	J	40.7	80	100	ug/L
129-00-0	Pyrene	530		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	530		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	350		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	570		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	520		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	520		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	560		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	580		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	610		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	640		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	630		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	610		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560		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	490		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.916		10-139		92	SPK: -150
13127-88-3	Phenol-d6	118.748		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	94.698		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	103.173		52-132		103	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.:	BM071824
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
BM046708.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.087		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	106.692		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107870	7.487				
1146-65-2	Naphthalene-d8	373995	10.251				
15067-26-2	Acenaphthene-d10	229253	14.133				
1517-22-2	Phenanthrene-d10	433628	16.886				
1719-03-5	Chrysene-d12	362520	21.115				
1520-96-3	Perylene-d12	435235	23.88				

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.:	BM071824
Lab Sample ID:	P3246-02MSD	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
BM046709.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530		10.3	80	100	ug/L
110-86-1	Pyridine	350		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	470		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	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	480		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	480		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	560		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	510		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	530		14.8	25	25	ug/L
67-72-1	Hexachloroethane	490		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	550		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	540		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	610		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	560		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	540		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	520		11	40	50	ug/L
65-85-0	Benzoic acid	390		54.7	80	100	ug/L
91-20-3	Naphthalene	520		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	62.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	510		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.:	BM071824
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
BM046709.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	350		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	2800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	580		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	560		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	550		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	570		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	620		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	200		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	9490		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	860	E	20	80	100	ug/L
132-64-9	Dibenzofuran	560		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	420		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
84-66-2	Diethylphthalate	530		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540		9.8	40	50	ug/L
86-73-7	Fluorene	530		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	420		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	710		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	670		8.9	40	50	ug/L
103-33-3	Azobenzene	550		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	650		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	620		11.4	40	50	ug/L
1912-24-9	Atrazine	490		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.:	BM071824
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
BM046709.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	600		8.9	40	50	ug/L
120-12-7	Anthracene	610		10.7	40	50	ug/L
86-74-8	Carbazole	540		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	560		14.7	40	50	ug/L
206-44-0	Fluoranthene	490		12.9	40	50	ug/L
92-87-5	Benzidine	130		40.7	80	100	ug/L
129-00-0	Pyrene	600		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	600		9.4	40	50	ug/L
218-01-9	Chrysene	610		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	540		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	570		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	630		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	670		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	650		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	640		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	410		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.044		10-139		96	SPK: -150
13127-88-3	Phenol-d6	126.745		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	97.857		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	106.922		52-132		107	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.:	BM071824
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
BM046709.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.789		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	118.581		36-145		119	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105382	7.487				
1146-65-2	Naphthalene-d8	374186	10.251				
15067-26-2	Acenaphthene-d10	244265	14.133				
1517-22-2	Phenanthrene-d10	456718	16.886				
1719-03-5	Chrysene-d12	337673	21.115				
1520-96-3	Perylene-d12	420226	23.88				

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.:	BM071824
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
BM046710.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046710.D	1	7/17/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046710.D	1	7/17/2024 12:00:00 AM	7/18/2024 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	153.123		10-139		102	SPK: -150
13127-88-3	Phenol-d6	133.384		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	101.242		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	120.544		52-132		121	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.:	BM071824
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
BM046710.D	1	7/17/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.541		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	135.857		36-145		136	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93675	7.487				
1146-65-2	Naphthalene-d8	317546	10.245				
15067-26-2	Acenaphthene-d10	181594	14.133				
1517-22-2	Phenanthrene-d10	380555	16.886				
1719-03-5	Chrysene-d12	258827	21.115				
1520-96-3	Perylene-d12	74555	23.874				

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.:	BM071824
Lab Sample ID:	P3246-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046711.D	1	7/16/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046711.D	1	7/16/2024 12:00:00 AM	7/18/2024 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
121-14-2	2,4-Dinitrotoluene	140	U	140	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	200	540	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.:	BM071824
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
BM046711.D	1	7/16/2024 12:00:00 AM	7/18/2024 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	93.287		18-112		62	SPK: -150
13127-88-3	Phenol-d6	89.506		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.778		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.392		20-109		62	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.:	BM071824
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
BM046711.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.75		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	59.388		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78300	7.486				
1146-65-2	Naphthalene-d8	266003	10.245				
15067-26-2	Acenaphthene-d10	171818	14.133				
1517-22-2	Phenanthrene-d10	333936	16.886				
1719-03-5	Chrysene-d12	284579	21.109				
1520-96-3	Perylene-d12	374876	23.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.687	
000057-10-3	n-Hexadecanoic acid	340	J			17.821	
000057-11-4	Octadecanoic acid	180	J			19.115	
006704-00-3	Cyclohexane, (2-decyldodecyl)-	150	J			20.85	

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.:	BM071824
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
BM046712.D	1	7/16/2024 12:00:00 AM	7/18/2024 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.:	BM071824
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
BM046712.D	1	7/16/2024 12:00:00 AM	7/18/2024 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
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	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.:	BM071824
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
BM046712.D	1	7/16/2024 12:00:00 AM	7/18/2024 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	132.582		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.403		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	84.749		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	90.047		20-109		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-02	SDG No.:	BM071824
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
BM046712.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.371		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	88.587		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89281	7.487				
1146-65-2	Naphthalene-d8	309007	10.245				
15067-26-2	Acenaphthene-d10	194599	14.133				
1517-22-2	Phenanthrene-d10	370297	16.886				
1719-03-5	Chrysene-d12	319992	21.109				
1520-96-3	Perylene-d12	415689	23.874				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.363	100	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.687	
000057-10-3	n-Hexadecanoic acid	310	J			17.821	
000057-11-4	Octadecanoic acid	120	J			19.115	
018435-45-5	1-Nonadecene	200	J			20.85	

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.:	BM071824
Lab Sample ID:	P3246-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046713.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		110	340	420	ug/Kg
110-86-1	Pyridine	1600		100	160	210	ug/Kg
100-52-7	Benzaldehyde	270	J	230	340	420	ug/Kg
62-53-3	Aniline	1700		120	160	210	ug/Kg
108-95-2	Phenol	2100		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	160	210	ug/Kg
95-57-8	2-Chlorophenol	2200		110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2200		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2100		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300		110	160	210	ug/Kg
98-86-2	Acetophenone	1900		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2100		100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		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	2100		110	160	210	ug/Kg
65-85-0	Benzoic acid	1600		300	340	420	ug/Kg
91-20-3	Naphthalene	2100		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	730		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2000		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.:	BM071824
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
BM046713.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		97.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2000		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	10800	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		89.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		93.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2200		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2100		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	2000		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1400		110	160	210	ug/Kg
83-32-9	Acenaphthene	2100		100	160	210	ug/Kg
Total PAH	Total PAH	35300		1658.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	3500	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	2100		110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3800		210	160	420	ug/Kg
84-66-2	Diethylphthalate	2000		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	160	210	ug/Kg
86-73-7	Fluorene	2000		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	1600		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2600		100	160	210	ug/Kg
103-33-3	Azobenzene	2000		100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2400		99.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2300		110	160	210	ug/Kg
1912-24-9	Atrazine	2300		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.:	BM071824
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
BM046713.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3900	E	97.3	340	420	ug/Kg
85-01-8	Phenanthrene	2200		110	160	210	ug/Kg
120-12-7	Anthracene	2300		110	160	210	ug/Kg
86-74-8	Carbazole	2000		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2100		110	160	210	ug/Kg
206-44-0	Fluoranthene	1800		100	160	210	ug/Kg
92-87-5	Benzidine	2400		210	340	420	ug/Kg
129-00-0	Pyrene	2200		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2100		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		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	2100		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		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	2500		98.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2400		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1700		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		94	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1900		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.423		18-112		78	SPK: -150
13127-88-3	Phenol-d6	111.028		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	71.271		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	76.955		20-109		77	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.:	BM071824
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
BM046713.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.136		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	80.089		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116468	7.487				
1146-65-2	Naphthalene-d8	423278	10.246				
15067-26-2	Acenaphthene-d10	278352	14.134				
1517-22-2	Phenanthrene-d10	511900	16.886				
1719-03-5	Chrysene-d12	370439	21.116				
1520-96-3	Perylene-d12	472284	23.874				

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.:	BM071824
Lab Sample ID:	P3246-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046714.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2400		110	340	420	ug/Kg
110-86-1	Pyridine	1800		100	160	210	ug/Kg
100-52-7	Benzaldehyde	290	J	230	340	420	ug/Kg
62-53-3	Aniline	1900		120	160	210	ug/Kg
108-95-2	Phenol	2400		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2400		110	160	210	ug/Kg
95-57-8	2-Chlorophenol	2400		110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2300		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2300		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2300		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2400		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2400		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		110	160	210	ug/Kg
98-86-2	Acetophenone	2200		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	2300		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2300		110	160	210	ug/Kg
78-59-1	Isophorone	2400		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2500		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2500		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2400		95	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2300		110	160	210	ug/Kg
65-85-0	Benzoic acid	1800		300	340	420	ug/Kg
91-20-3	Naphthalene	2300		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	850		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2300		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.:	BM071824
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
BM046714.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		97.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	2300		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	11900	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2600		89.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400		93.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2400		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2500		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2400		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2400		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2600		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1600		110	160	210	ug/Kg
83-32-9	Acenaphthene	2400		100	160	210	ug/Kg
Total PAH	Total PAH	39800		1658.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	4100	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	2400		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4400		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2200		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2300		110	160	210	ug/Kg
86-73-7	Fluorene	2200		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	1900		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3000		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2900		100	160	210	ug/Kg
103-33-3	Azobenzene	2300		100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700		99.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2600		110	160	210	ug/Kg
1912-24-9	Atrazine	2600		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.:	BM071824
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
BM046714.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4400	E	97.2	340	420	ug/Kg
85-01-8	Phenanthrene	2600		110	160	210	ug/Kg
120-12-7	Anthracene	2500		110	160	210	ug/Kg
86-74-8	Carbazole	2300		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	160	210	ug/Kg
206-44-0	Fluoranthene	2000		100	160	210	ug/Kg
92-87-5	Benzidine	3100		210	340	420	ug/Kg
129-00-0	Pyrene	2400		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2400		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	2500		100	160	210	ug/Kg
218-01-9	Chrysene	2500		100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2600		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		98.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2800		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2500		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	2200		94	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	2100		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.557		18-112		88	SPK: -150
13127-88-3	Phenol-d6	126.438		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	82.08		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	87.812		20-109		88	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.:	BM071824
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
BM046714.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.308		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	88.554		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109588	7.487				
1146-65-2	Naphthalene-d8	388634	10.245				
15067-26-2	Acenaphthene-d10	251261	14.133				
1517-22-2	Phenanthrene-d10	462060	16.886				
1719-03-5	Chrysene-d12	345058	21.115				
1520-96-3	Perylene-d12	438861	23.874				

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.:	BM071824
Lab Sample ID:	P3246-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.1	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
BM046715.D	1	7/16/2024 12:00:00 AM	7/18/2024 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	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	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	110	U	110	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	420	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	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.9	U	50.9	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	95.4	U	95.4	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	420	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	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-04	SDG No.:	BM071824
Lab Sample ID:	P3246-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.1 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
BM046715.D	1	7/16/2024 12:00:00 AM	7/18/2024 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	97.9	U	97.9	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.2	U	90.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.5	U	93.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	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	110	U	110	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	1658.7	U	1658.7	160	3360	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	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	420	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	140	U	140	160	210	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	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.7	U	99.7	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	120	U	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-04	SDG No.:	BM071824
Lab Sample ID:	P3246-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.1 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
BM046715.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.6	U	97.6	340	420	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	210	U	210	340	420	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	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	100	U	100	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	420	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	98.7	U	98.7	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	94.4	U	94.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.441		18-112		61	SPK: -150
13127-88-3	Phenol-d6	94.684		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	57.958		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	54.482		20-109		54	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.:	BM071824
Lab Sample ID:	P3246-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.1 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
BM046715.D	1	7/16/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.669		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	61.147		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108770	7.487				
1146-65-2	Naphthalene-d8	399821	10.245				
15067-26-2	Acenaphthene-d10	277167	14.127				
1517-22-2	Phenanthrene-d10	544891	16.886				
1719-03-5	Chrysene-d12	364521	21.109				
1520-96-3	Perylene-d12	442021	23.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.358	
016504-58-8	(+)-4-Amino-4,5-dihydro-2(3H)-fur	160	J			4.681	
000057-10-3	n-Hexadecanoic acid	240	J			17.821	
000057-11-4	Octadecanoic acid	140	J			19.11	
001599-67-3	1-Docosene	180	J			20.851	

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.:	BM071824
Lab Sample ID:	P3246-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	30.08	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
BM046716.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



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.:	BM071824	
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
BM046716.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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	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.:	BM071824
Lab Sample ID:	P3246-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	30.08	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
BM046716.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	150.64		18-112		100	SPK: -150
13127-88-3	Phenol-d6	150.811		15-107		101	SPK: -150
4165-60-0	Nitrobenzene-d5	93.84		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	96.004		20-109		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.:	BM071824
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
BM046716.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	127.13		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	102.462		14-112		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98469	7.481				
1146-65-2	Naphthalene-d8	354523	10.245				
15067-26-2	Acenaphthene-d10	229202	14.128				
1517-22-2	Phenanthrene-d10	430524	16.886				
1719-03-5	Chrysene-d12	321607	21.109				
1520-96-3	Perylene-d12	402549	23.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.358	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			4.687	
	unknown14.386	96.3	J			14.386	
000057-10-3	n-Hexadecanoic acid	260	J			17.822	
000057-11-4	Octadecanoic acid	110	J			19.11	
000119-47-1	Phenol, 2,2-methylenebis[6-(1,1-d	420	J			20.539	
018835-33-1	1-Hexacosene	190	J			20.851	

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.:	BM071824
Lab Sample ID:	P3246-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046717.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	96.3	U	96.3	300	370	ug/Kg
110-86-1	Pyridine	88.6	U	88.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92	U	92	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.9	U	92.9	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.6	U	92.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.9	U	93.9	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.4	U	95.4	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96	U	96	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.1	U	92.1	300	370	ug/Kg
95-48-7	2-Methylphenol	89.4	U	89.4	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.4	U	96.4	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.5	U	88.5	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.7	U	44.7	88.8	88.8	ug/Kg
67-72-1	Hexachloroethane	92.1	U	92.1	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.9	U	93.9	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.2	U	95.2	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.8	U	83.8	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.8	U	94.8	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.6	U	91.6	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.6	U	91.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.4	U	92.4	140	190	ug/Kg



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.:	BM071824	
Lab Sample ID:	P3246-11			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.9	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046717.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	96.3	U	96.3	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.5	U	91.5	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.2	U	79.2	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.1	U	82.1	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97	U	97	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.4	U	92.4	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.6	U	90.6	140	190	ug/Kg
208-96-8	Acenaphthylene	96	U	96	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.3	U	92.3	140	190	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	140	190	ug/Kg
83-32-9	Acenaphthene	90	U	90	140	190	ug/Kg
Total PAH	Total PAH	3360	U	1467	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.6	U	93.6	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	187.9	U	187.9	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.6	U	95.6	140	190	ug/Kg
84-66-2	Diethylphthalate	88.9	U	88.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95	U	95	140	190	ug/Kg
86-73-7	Fluorene	94.9	U	94.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.5	U	90.5	140	190	ug/Kg
103-33-3	Azobenzene	88.3	U	88.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.5	U	87.5	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.3	U	94.3	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg



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.:	BM071824	
Lab Sample ID:	P3246-11			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.9	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046717.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	85.8	U	85.8	300	370	ug/Kg
85-01-8	Phenanthrene	350		93.2	140	190	ug/Kg
120-12-7	Anthracene	93.6	U	93.6	140	190	ug/Kg
86-74-8	Carbazole	89.1	U	89.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.5	U	93.5	140	190	ug/Kg
206-44-0	Fluoranthene	520		90.6	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	450		92.1	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	310		89.5	140	190	ug/Kg
218-01-9	Chrysene	320		88.2	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		90	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	91.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	340		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		86.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.1	U	90.1	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		88.9	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.3	U	96.3	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.3	U	92.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.653		18-112		72	SPK: -150
13127-88-3	Phenol-d6	107.146		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	69.936		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	71.112		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-03	SDG No.:	BM071824
Lab Sample ID:	P3246-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046717.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	84.917		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	62.041		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111650	7.481				
1146-65-2	Naphthalene-d8	402074	10.246				
15067-26-2	Acenaphthene-d10	252374	14.134				
1517-22-2	Phenanthrene-d10	459024	16.88				
1719-03-5	Chrysene-d12	422687	21.11				
1520-96-3	Perylene-d12	540333	23.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.358	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.681	
000770-35-4	1-Phenoxypropan-2-ol	78.8	J			10.999	
000057-10-3	n-Hexadecanoic acid	360	J			17.816	
000057-11-4	Octadecanoic acid	80.6	J			19.11	
001599-67-3	1-Docosene	210	J			20.851	
056221-91-1	13-Tetradecen-1-ol acetate	150	J			21.892	
000198-55-0	Perylene	260	J			23.621	

Hit Summary Sheet SW-846

SDG No.: BM071824

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	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P3246-01	WC-CTW2-BL-01	Solid	Cyclohexane, (2-decyldodecyl)- *	150.000	J			
P3246-01	WC-CTW2-BL-01	Solid	n-Hexadecanoic acid *	340.000	J			
P3246-01	WC-CTW2-BL-01	Solid	Octadecanoic acid *	180.000	J			
Total Tics :				860.00				
Total Concentration:				860.00				
Client ID : WC-CTW2-BL-02								
P3246-06	WC-CTW2-BL-02	Solid	1-Nonadecene *	200.000	J			
P3246-06	WC-CTW2-BL-02	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P3246-06	WC-CTW2-BL-02	Solid	n-Hexadecanoic acid *	310.000	J			
P3246-06	WC-CTW2-BL-02	Solid	Octadecanoic acid *	120.000	J			
P3246-06	WC-CTW2-BL-02	Solid	unknown3.363 *	100.000	J			
Total Tics :				920.00				
Total Concentration:				920.00				
Client ID : WC-CTW2-BL-03								
P3246-11	WC-CTW2-BL-03	Solid	1-Docosene *	210.000	J			
P3246-11	WC-CTW2-BL-03	Solid	1-Phenoxypropan-2-ol *	78.800	J			
P3246-11	WC-CTW2-BL-03	Solid	13-Tetradecen-1-ol acetate *	150.000	J			
P3246-11	WC-CTW2-BL-03	Solid	2-Pentanone, 4-hydroxy-4-methyl *	150.000	A			
P3246-11	WC-CTW2-BL-03	Solid	n-Hexadecanoic acid *	360.000	J			
P3246-11	WC-CTW2-BL-03	Solid	Octadecanoic acid *	80.600	J			
P3246-11	WC-CTW2-BL-03	Solid	Perylene *	260.000	J			
P3246-11	WC-CTW2-BL-03	Solid	Propylene Glycol *	110.000	J			
Total Tics :				1,399.40				
P3246-11	WC-CTW2-BL-03	Solid	Benzo(a)anthracene	310.000		89.5	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Benzo(a)pyrene	340.000		100	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Benzo(b)fluoranthene	390.000		90	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Benzo(g,h,i)perylene	280.000		88.9	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Benzo(k)fluoranthene	160.000	J	91.6	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Chrysene	320.000		88.2	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Fluoranthene	520.000		90.6	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Indeno(1,2,3-cd)pyrene	240.000		86.7	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Phenanthrene	350.000		93.2	190	ug/Kg
P3246-11	WC-CTW2-BL-03	Solid	Pyrene	450.000		92.1	190	ug/Kg
Total Svoc :				3,360.00				
Total Concentration:				4,759.40				

Hit Summary Sheet SW-846

SDG No.: BM071824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-CTW2-BL-04								
P3246-16	WC-CTW2-BL-04	Solid	(+)-4-Amino-4,5-dihydro-2(3H)-	*	160.000	J		
P3246-16	WC-CTW2-BL-04	Solid	1-Docosene	*	180.000	J		
P3246-16	WC-CTW2-BL-04	Solid	n-Hexadecanoic acid	*	240.000	J		
P3246-16	WC-CTW2-BL-04	Solid	Octadecanoic acid	*	140.000	J		
P3246-16	WC-CTW2-BL-04	Solid	Propylene Glycol	*	100.000	J		
Total Tics :					820.00			
Total Concentration:					820.00			
Client ID : WC-CTW2-BL-05								
P3246-21	WC-CTW2-BL-05	Solid	1-Hexacosene	*	190.000	J		
P3246-21	WC-CTW2-BL-05	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	240.000	A		
P3246-21	WC-CTW2-BL-05	Solid	n-Hexadecanoic acid	*	260.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Octadecanoic acid	*	110.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Phenol, 2,2-methylenebis[6-(1,1-d	*	420.000	J		
P3246-21	WC-CTW2-BL-05	Solid	Propylene Glycol	*	160.000	J		
P3246-21	WC-CTW2-BL-05	Solid	unknown14.386	*	96.300	J		
Total Tics :					1,476.30			
Total Concentration:					1,476.30			
Client ID : B-120-SB02								
P3248-02	B-120-SB02	Solid	1,21-Docosadiene	*	260.000	J		
P3248-02	B-120-SB02	Solid	11-Tetradecyn-1-ol acetate	*	210.000	J		
P3248-02	B-120-SB02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3248-02	B-120-SB02	Solid	Hexathiane	*	1,400.000	J		
P3248-02	B-120-SB02	Solid	n-Hexadecanoic acid	*	530.000	J		
P3248-02	B-120-SB02	Solid	Nonacos-1-ene	*	480.000	J		
P3248-02	B-120-SB02	Solid	Octadecanal	*	280.000	J		
P3248-02	B-120-SB02	Solid	Octadecanoic acid	*	190.000	J		
P3248-02	B-120-SB02	Solid	unknown3.363	*	140.000	J		
Total Tics :					3,700.00			
Total Concentration:					3,700.00			



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM071724 SAS No.: BM071724 SDG No.: BM071724
Instrument ID: _____ Calibration Date(s): 7/18/2024 : _____
Calibration Time(s): 00:33 _____

LAB FILE ID:		RRF2.5 = BM046683.D			RRF005 = BM046684.D		RRF010 = BM046685.D	
		RRF020 = BM046686.D			RRF040 = BM046687.D		RRF050 = BM046688.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.637	0.649	0.645	0.651	0.628	0.649	2.2
Pyridine		0.889	0.873	0.853	0.862	0.851	0.876	2.5
2-Fluorophenol		1.008	0.963	1.001	0.988	0.945	0.985	2.3
Benzaldehyde		0.872	0.853	0.847	0.764	0.719	0.765	12.7
Aniline		1.084	1.074	1.115	1.084	1.037	1.084	2.2
Phenol-d6		1.241	1.267	1.265	1.264	1.198	1.254	2.1
Phenol		1.278	1.216	1.228	1.210	1.158	1.219	2.9
bis(2-Chloroethyl)ether		0.953	0.914	0.918	0.893	0.849	0.905	3.5
2-Chlorophenol		1.110	1.105	1.121	1.125	1.048	1.102	2.3
1,2-Dichlorobenzene		1.464	1.428	1.427	1.418	1.333	1.408	2.9
1,3-Dichlorobenzene		1.519	1.449	1.481	1.461	1.389	1.456	2.7
1,4-Dichlorobenzene		1.496	1.462	1.523	1.494	1.416	1.478	2.3
Benzyl Alcohol		1.015	1.044	1.026	1.018	0.986	1.021	1.8
2-Methylphenol		0.878	0.862	0.880	0.875	0.835	0.868	1.8
2,2-oxybis(1-Chloropropane)		1.032	0.941	0.964	0.949	0.899	0.946	4.6
Acetophenone		0.470	0.457	0.467	0.462	0.449	0.460	1.6
3+4-Methylphenols		1.153	1.159	1.214	1.210	1.167	1.192	2.6
n-Nitroso-di-n-propylamine	0.791	0.783	0.781	0.794	0.802	0.778	0.792	1.3
Nitrobenzene-d5		0.383	0.374	0.390	0.391	0.379	0.385	1.7
Hexachloroethane		0.530	0.508	0.552	0.553	0.523	0.537	3.2
Nitrobenzene		0.395	0.372	0.385	0.374	0.371	0.378	2.4
Isophorone		0.585	0.564	0.575	0.590	0.579	0.579	1.4
2-Nitrophenol		0.177	0.170	0.182	0.182	0.179	0.181	3.7
2,4-Dimethylphenol		0.197	0.195	0.193	0.197	0.197	0.196	1.1
bis(2-Chloroethoxy)methane		0.340	0.323	0.337	0.332	0.323	0.330	2.0
2,4-Dichlorophenol		0.360	0.342	0.357	0.354	0.349	0.353	1.7
1,2,4-Trichlorobenzene		0.429	0.423	0.447	0.439	0.425	0.432	1.9
Benzoic acid		0.207	0.224	0.239	0.245	0.249	0.239	7.6
Naphthalene		1.010	0.969	1.002	1.002	0.977	0.994	1.5
4-Chloroaniline		0.358	0.356	0.371	0.377	0.368	0.370	2.7
Hexachlorobutadiene		0.292	0.289	0.304	0.298	0.285	0.292	2.2
Caprolactam		0.088	0.085	0.093	0.094	0.094	0.093	5.7
4-Chloro-3-methylphenol		0.319	0.309	0.323	0.330	0.325	0.326	3.1
2-Methylnaphthalene		0.744	0.734	0.766	0.764	0.752	0.754	1.6
Hexachlorocyclopentadiene		0.125	0.126	0.160	0.171	0.178	0.159	14.9
2,4,6-Trichlorophenol		0.435	0.427	0.439	0.431	0.423	0.428	1.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM071724 SAS No.: BM071724 SDG No.: BM071724
Instrument ID: _____ Calibration Date(s): 7/18/2024 : _____
Calibration Time(s): 00:33 _____

LAB FILE ID:		RRF2.5 = BM046683.D			RRF005 = BM046684.D		RRF010 = BM046685.D	
		RRF020 = BM046686.D			RRF040 = BM046687.D		RRF050 = BM046688.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.446	1.410	1.445	1.428	1.399	1.416	1.9
2,4,5-Trichlorophenol		0.483	0.466	0.489	0.479	0.471	0.477	1.8
1,1-Biphenyl		1.434	1.382	1.437	1.387	1.373	1.391	2.5
2-Chloronaphthalene		1.198	1.167	1.182	1.157	1.113	1.150	3.2
2-Nitroaniline		0.281	0.294	0.301	0.308	0.304	0.302	3.9
Dimethylphthalate		1.415	1.353	1.409	1.386	1.365	1.383	1.8
Acenaphthylene		1.594	1.562	1.625	1.613	1.578	1.598	1.4
2,6-Dinitrotoluene		0.296	0.306	0.333	0.324	0.322	0.320	4.4
3-Nitroaniline		0.262	0.275	0.299	0.298	0.289	0.289	5.3
Acenaphthene		1.012	1.002	1.048	1.030	1.023	1.025	1.6
2,4-Dinitrophenol			0.111	0.148	0.168	0.172	0.162	17.9
4-Nitrophenol		0.216	0.230	0.259	0.256	0.258	0.251	8.1
Dibenzofuran		1.721	1.712	1.772	1.751	1.704	1.735	1.5
2,4-Dinitrotoluene		0.414	0.436	0.474	0.478	0.471	0.463	5.8
Diethylphthalate		1.421	1.391	1.431	1.465	1.425	1.427	1.7
4-Chlorophenyl-phenylether		0.795	0.780	0.809	0.805	0.792	0.797	1.3
Fluorene		1.445	1.439	1.476	1.494	1.485	1.483	2.2
4-Nitroaniline		0.294	0.322	0.330	0.333	0.327	0.326	4.8
4,6-Dinitro-2-methylphenol			0.082	0.101	0.105	0.109	0.104	11.7
n-Nitrosodiphenylamine		0.516	0.505	0.524	0.523	0.515	0.519	1.5
Azobenzene		1.112	1.132	1.192	1.180	1.160	1.159	2.5
2,4,6-Tribromophenol		0.297	0.298	0.310	0.315	0.313	0.310	3.0
4-Bromophenyl-phenylether		0.223	0.224	0.229	0.227	0.228	0.226	0.9
Hexachlorobenzene		0.279	0.269	0.275	0.270	0.271	0.273	1.3
Atrazine		0.200	0.200	0.205	0.160	0.180	0.182	10.8
Pentachlorophenol		0.182	0.185	0.198	0.192	0.195	0.194	3.9
Phenanthrene		0.990	0.964	1.022	0.983	0.987	0.993	1.9
Anthracene		0.978	0.952	1.001	0.983	0.977	0.983	1.7
Carbazole		0.910	0.913	0.957	0.923	0.920	0.930	1.9
Di-n-butylphthalate		1.001	0.999	1.066	1.067	1.046	1.040	2.8
Fluoranthene		1.232	1.248	1.325	1.256	1.269	1.276	2.7
Benzidine		0.383	0.347	0.434	0.378	0.380	0.400	11.4
Pyrene		1.395	1.355	1.433	1.460	1.427	1.424	2.6
Terphenyl-d14		1.061	1.036	1.106	1.139	1.118	1.106	3.8
Butylbenzylphthalate		0.476	0.485	0.519	0.546	0.522	0.514	4.8
3,3-Dichlorobenzidine		0.439	0.433	0.468	0.473	0.462	0.460	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM071724 SAS No.: BM071724 SDG No.: BM071724
Instrument ID: _____ Calibration Date(s): 7/18/2024 : _____
Calibration Time(s): 00:33 _____

LAB FILE ID:		RRF2.5 = BM046683.D			RRF005 = BM046684.D		RRF010 = BM046685.D	
		RRF020 = BM046686.D			RRF040 = BM046687.D		RRF050 = BM046688.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.344	1.272	1.333	1.332	1.302	1.323	2.0
Chrysene		1.213	1.203	1.243	1.245	1.221	1.234	1.8
Bis(2-ethylhexyl)phthalate		0.683	0.665	0.710	0.710	0.678	0.686	2.8
Di-n-octyl phthalate		1.134	1.098	1.192	1.191	1.155	1.156	2.9
Benzo(b)fluoranthene		1.227	1.185	1.253	1.228	1.225	1.231	2.0
Benzo(k)fluoranthene		1.169	1.125	1.157	1.159	1.153	1.162	1.9
Benzo(a)pyrene		1.058	1.026	1.068	1.064	1.051	1.065	2.3
Indeno(1,2,3-cd)pyrene		1.354	1.266	1.305	1.278	1.260	1.296	2.5
Dibenzo(a,h)anthracene		1.108	1.069	1.083	1.058	1.051	1.076	1.7
Benzo(g,h,i)perylene		1.121	1.094	1.108	1.092	1.091	1.110	1.6
1,2,4,5-Tetrachlorobenzene		0.688	0.653	0.672	0.652	0.635	0.650	3.7
1,4-Dioxane		0.313	0.310	0.307	0.293	0.284	0.299	3.7
2,3,4,6-Tetrachlorophenol		0.426	0.436	0.452	0.441	0.437	0.440	2.0
1-Methylnaphthalene		0.719	0.723	0.745	0.750	0.742	0.741	2.0

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.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BM046687.D Time Analyzed: 14:35

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	93675	7.487	350003	10.25	269058	14.14
UPPER LIMIT	187350	7.987	700006	10.751	538116	14.639
LOWER LIMIT	46837.5	6.987	175001.5	9.751	134529	13.639
EPA SAMPLE NO.						
01 PB162084BL	67811	7.49	252918	10.26	198418	14.14
02 WC-CTW2-BL-03	87691	7.49	296769	10.25	195018	14.13
03 WC-CTW2-BL-06	93261	7.49	310981	10.25	201415	14.13
04 WC-CTW2-BL-05	94245	7.49	315611	10.25	211245	14.13
05 WC-CTW2-BL-04	81912	7.49	269876	10.25	173138	14.13
06 B-120-SB02	79264	7.49	266217	10.25	173949	14.13
07 WC-CTW2-BL-01MS	107870	7.49	373995	10.25	229253	14.13
08 WC-CTW2-BL-01MSD	105382	7.49	374186	10.25	244265	14.13
09 WC-CTW2-BL-02	93675	7.49	317546	10.25	181594	14.13
10 WC-CTW2-BL-01	78300	7.49	266003	10.25	171818	14.13
11 WC-CTW2-BL-02	89281	7.49	309007	10.25	194599	14.13
12 WC-CTW2-BL-02MS	116468	7.49	423278	10.25	278352	14.13
13 WC-CTW2-BL-02MSD	109588	7.49	388634	10.25	251261	14.13
14 WC-CTW2-BL-04	108770	7.49	399821	10.25	277167	14.13
15 WC-CTW2-BL-05	98469	7.48	354523	10.25	229202	14.13
16 WC-CTW2-BL-03	111650	7.48	402074	10.25	252374	14.13



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

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

Lab File ID: BM046687.D Time Analyzed: 00:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	93675	7.487	350003	10.25	269058	14.14
UPPER LIMIT	187350	7.987	700006	10.751	538116	14.639
LOWER LIMIT	46837.5	6.987	175001.5	9.751	134529	13.639
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.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BM046701.D Time Analyzed: 14:35

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	88061	7.498	361478	10.26	293328	14.15
UPPER LIMIT	176122	7.998	722956	10.757	586656	14.645
LOWER LIMIT	44030.5	6.998	180739	9.757	146664	13.645
EPA SAMPLE NO.						
01 PB162084BL	67811	7.49	252918	10.26	198418	14.14
02 WC-CTW2-BL-03	87691	7.49	296769	10.25	195018	14.13
03 WC-CTW2-BL-06	93261	7.49	310981	10.25	201415	14.13
04 WC-CTW2-BL-05	94245	7.49	315611	10.25	211245	14.13
05 WC-CTW2-BL-04	81912	7.49	269876	10.25	173138	14.13
06 B-120-SB02	79264	7.49	266217	10.25	173949	14.13
07 WC-CTW2-BL-01MS	107870	7.49	373995	10.25	229253	14.13
08 WC-CTW2-BL-01MSD	105382	7.49	374186	10.25	244265	14.13
09 WC-CTW2-BL-02	93675	7.49	317546	10.25	181594	14.13
10 WC-CTW2-BL-01	78300	7.49	266003	10.25	171818	14.13
11 WC-CTW2-BL-02	89281	7.49	309007	10.25	194599	14.13
12 WC-CTW2-BL-02MS	116468	7.49	423278	10.25	278352	14.13
13 WC-CTW2-BL-02MSD	109588	7.49	388634	10.25	251261	14.13
14 WC-CTW2-BL-04	108770	7.49	399821	10.25	277167	14.13
15 WC-CTW2-BL-05	98469	7.48	354523	10.25	229202	14.13
16 WC-CTW2-BL-03	111650	7.48	402074	10.25	252374	14.13



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

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

Lab File ID: BM046701.D Time Analyzed: 00:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	88061	7.498	361478	10.26	293328	14.15
UPPER LIMIT	176122	7.998	722956	10.757	586656	14.645
LOWER LIMIT	44030.5	6.998	180739	9.757	146664	13.645
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.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BM046687.D Time Analyzed: 14:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	643243	16.892	571490	21.121	639500	23.886
	UPPER LIMIT	1286486	17.392	1142980	21.621	1279000	24.386
	LOWER LIMIT	321621.5	16.392	285745	20.621	319750	23.386
	EPA SAMPLE NO.						
01	PB162084BL	463676	16.89	480336	21.12	559550	23.89
02	WC-CTW2-BL-03	380072	16.89	345929	21.12	323061	23.88
03	WC-CTW2-BL-06	373095	16.89	305952	21.12	358789	23.88
04	WC-CTW2-BL-05	414796	16.89	301984	21.12	344941	23.88
05	WC-CTW2-BL-04	326933	16.89	268872 *	21.12	320786	23.88
06	B-120-SB02	334264	16.89	312768	21.12	407558	23.88
07	WC-CTW2-BL-01MS	433628	16.89	362520	21.12	435235	23.88
08	WC-CTW2-BL-01MSD	456718	16.89	337673	21.12	420226	23.88
09	WC-CTW2-BL-02	380555	16.89	258827 *	21.12	74555 *	23.87
10	WC-CTW2-BL-01	333936	16.89	284579 *	21.11	374876	23.87
11	WC-CTW2-BL-02	370297	16.89	319992	21.11	415689	23.87
12	WC-CTW2-BL-02MS	511900	16.89	370439	21.12	472284	23.87
13	WC-CTW2-BL-02MSD	462060	16.89	345058	21.12	438861	23.87
14	WC-CTW2-BL-04	544891	16.89	364521	21.11	442021	23.87
15	WC-CTW2-BL-05	430524	16.89	321607	21.11	402549	23.87
16	WC-CTW2-BL-03	459024	16.88	422687	21.11	540333	23.87

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

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

Lab File ID: BM046687.D Time Analyzed: 00:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	643243	16.892	571490	21.121	639500	23.886
UPPER LIMIT	1286486	17.392	1142980	21.621	1279000	24.386
LOWER LIMIT	321621.5	16.392	285745	20.621	319750	23.386
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.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BM046701.D Time Analyzed: 14:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	727885	16.898	697063	21.127	820915	23.897
	UPPER LIMIT	1455770	17.398	1394126	21.627	1641830	24.397
	LOWER LIMIT	363942.5	16.398	348531.5	20.627	410457.5	23.397
	EPA SAMPLE NO.						
01	PB162084BL	463676	16.89	480336	21.12	559550	23.89
02	WC-CTW2-BL-03	380072	16.89	345929 *	21.12	323061 *	23.88
03	WC-CTW2-BL-06	373095	16.89	305952 *	21.12	358789 *	23.88
04	WC-CTW2-BL-05	414796	16.89	301984 *	21.12	344941 *	23.88
05	WC-CTW2-BL-04	326933 *	16.89	268872 *	21.12	320786 *	23.88
06	B-120-SB02	334264 *	16.89	312768 *	21.12	407558 *	23.88
07	WC-CTW2-BL-01MS	433628	16.89	362520	21.12	435235	23.88
08	WC-CTW2-BL-01MSD	456718	16.89	337673 *	21.12	420226	23.88
09	WC-CTW2-BL-02	380555	16.89	258827 *	21.12	74555 *	23.87
10	WC-CTW2-BL-01	333936 *	16.89	284579 *	21.11	374876 *	23.87
11	WC-CTW2-BL-02	370297	16.89	319992 *	21.11	415689	23.87
12	WC-CTW2-BL-02MS	511900	16.89	370439	21.12	472284	23.87
13	WC-CTW2-BL-02MSD	462060	16.89	345058 *	21.12	438861	23.87
14	WC-CTW2-BL-04	544891	16.89	364521	21.11	442021	23.87
15	WC-CTW2-BL-05	430524	16.89	321607 *	21.11	402549 *	23.87
16	WC-CTW2-BL-03	459024	16.88	422687	21.11	540333	23.87

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071824 SAS No.: BM071824 SDG NO.: BM071824

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

Lab File ID: BM046701.D Time Analyzed: 00:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	727885	16.898	697063	21.127	820915	23.897
UPPER LIMIT	1455770	17.398	1394126	21.627	1641830	24.397
LOWER LIMIT	363942.5	16.398	348531.5	20.627	410457.5	23.397
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.

PB162084BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071824

SAS No.: BM071824 SDG NO.: BM071824

Lab File ID: BM046702.D

Lab Sample ID: PB162084BL

Instrument ID: BNA_M

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/18/2024

Level: (low/med) LOW

Time Analyzed: 14:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-120-SB02	P3248-02	BM046707.D	07/18/2024
WC-CTW2-BL-01	P3246-01	BM046711.D	07/18/2024
WC-CTW2-BL-02	P3246-06	BM046712.D	07/18/2024
WC-CTW2-BL-02MS	P3246-06MS	BM046713.D	07/18/2024
WC-CTW2-BL-02MSD	P3246-06MSD	BM046714.D	07/18/2024
WC-CTW2-BL-04	P3246-16	BM046715.D	07/18/2024
WC-CTW2-BL-05	P3246-21	BM046716.D	07/19/2024
WC-CTW2-BL-03	P3246-11	BM046717.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-CTW2-BL-01MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071824

SAS No.: BM071824 SDG NO.: BM071824

Lab File ID: BM046708.D

Lab Sample ID: P3246-02MS

Instrument ID: BNA_M

Date Extracted: 07/17/2024

Matrix: (soil/water) water

Date Analyzed: 07/18/2024

Level: (low/med) LOW

Time Analyzed: 18:41

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-01MS	P3246-02MS	BM046708.D	07/18/2024
WC-CTW2-BL-01MSD	P3246-02MSD	BM046709.D	07/18/2024
WC-CTW2-BL-02	P3246-07	BM046710.D	07/18/2024
WC-CTW2-BL-03	P3246-12	BM046703.D	07/18/2024
WC-CTW2-BL-06	P3246-27	BM046704.D	07/18/2024
WC-CTW2-BL-05	P3246-22	BM046705.D	07/18/2024
WC-CTW2-BL-04	P3246-17	BM046706.D	07/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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: BM046708.D							
n-Nitrosodimethylamine	500		500	ug/L	100				10	130	
Pyridine	500		330	ug/L	66				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		210	ug/L	42				10	130	
Phenol	500		450	ug/L	90				10	130	
bis(2-Chloroethyl)ether	500		520	ug/L	104				29	141	
2-Chlorophenol	500		520	ug/L	104				23	127	
1,2-Dichlorobenzene	500		470	ug/L	94				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		510	ug/L	102	*			31	94	
2-Methylphenol	500		480	ug/L	96				23	132	
2,2-oxybis(1-Chloropropane)	500		540	ug/L	108				36	141	
Acetophenone	500		480	ug/L	96				31	164	
3+4-Methylphenols	500		470	ug/L	94				17	136	
N-Nitroso-di-n-propylamine	500		500	ug/L	100				36	147	
Hexachloroethane	500		480	ug/L	96				35	137	
Nitrobenzene	500		480	ug/L	96				40	134	
Isophorone	500		520	ug/L	104				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500		570	ug/L	114				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		510	ug/L	102				22	146	
1,2,4-Trichlorobenzene	500		500	ug/L	100				66	110	
Benzoic acid	500		370	ug/L	74				10	101	
Naphthalene	500		500	ug/L	100				17	157	
4-Chloroaniline	500		53.4	ug/L	11				10	95	
Hexachlorobutadiene	500		480	ug/L	96				52	125	
Caprolactam	500		320	ug/L	64				10	130	
4-Chloro-3-methylphenol	500		460	ug/L	92				17	148	
2-Methylnaphthalene	500		480	ug/L	96				38	146	
Hexachlorocyclopentadiene	1000		2700	ug/L	270	*			20	153	
2,4,6-Trichlorophenol	500		570	ug/L	114				46	139	
2,4,5-Trichlorophenol	500		530	ug/L	106				42	129	
1,1-Biphenyl	500		530	ug/L	106				38	154	
2-Chloronaphthalene	500		570	ug/L	114				41	145	
2-Nitroaniline	500		530	ug/L	106				39	151	
Dimethylphthalate	500		540	ug/L	108				42	147	
Acenaphthylene	500		600	ug/L	120				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		190	ug/L	38				10	111	
Acenaphthene	500		540	ug/L	108				37	146	
Total PAH	8000		9100	ug/L	114				37	146	
2,4-Dinitrophenol	1000		1000	ug/L	100				14	167	
4-Nitrophenol	1000		870	ug/L	87				10	130	
Dibenzofuran	500		540	ug/L	108				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		470	ug/L	94				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		970	ug/L	97				40	151	
Diethylphthalate	500		500	ug/L	100				41	148	
4-Chlorophenyl-phenylether	500		520	ug/L	104				38	149	
Fluorene	500		500	ug/L	100				39	144	
4-Nitroaniline	500		410	ug/L	82				27	138	
4,6-Dinitro-2-methylphenol	500		680	ug/L	136				32	175	
N-Nitrosodiphenylamine	500		630	ug/L	126				40	150	
Azobenzene	500		530	ug/L	106				72	112	
4-Bromophenyl-phenylether	500		600	ug/L	120				42	151	
Hexachlorobenzene	500		580	ug/L	116				60	129	
Atrazine	500		470	ug/L	94				20	162	
Pentachlorophenol	1000		1000	ug/L	100				15	137	
Phenanthrene	500		580	ug/L	116				40	147	
Anthracene	500		590	ug/L	118				41	146	
Carbazole	500		530	ug/L	106				37	154	
Di-n-butylphthalate	500		540	ug/L	108				40	151	
Fluoranthene	500		490	ug/L	98				42	146	
Benzidine	1000		99.6	ug/L	10				10	130	
Pyrene	500		530	ug/L	106				41	149	
Butylbenzylphthalate	500		530	ug/L	106				39	155	
3,3-Dichlorobenzidine	500		350	ug/L	70				10	114	
Benzo(a)anthracene	500		570	ug/L	114				41	147	
Chrysene	500		570	ug/L	114				44	144	
bis(2-Ethylhexyl)phthalate	500		520	ug/L	104				33	160	
Di-n-octyl phthalate	500		520	ug/L	104				36	158	
Benzo(b)fluoranthene	500		560	ug/L	112				40	150	
Benzo(k)fluoranthene	500		580	ug/L	116				40	147	
Benzo(a)pyrene	500		610	ug/L	122				42	147	
Indeno(1,2,3-cd)pyrene	500		640	ug/L	128				30	166	
Dibenz(a,h)anthracene	500		630	ug/L	126				23	172	
Benzo(g,h,i)perylene	500		610	ug/L	122				27	167	
1,2,4,5-Tetrachlorobenzene	500		560	ug/L	112	*			89	102	
1,4-Dioxane	500		430	ug/L	86				38	130	
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98				91	111	
1-Methylnaphthalene	500		450	ug/L	90				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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: BM046709.D							
n-Nitrosodimethylamine	500		530	ug/L	106		6		10	130	20
Pyridine	500		350	ug/L	70		6		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		190	ug/L	38		10		10	130	20
Phenol	500		470	ug/L	94		4		10	130	20
bis(2-Chloroethyl)ether	500		540	ug/L	108		4		29	141	20
2-Chlorophenol	500		540	ug/L	108		4		23	127	20
1,2-Dichlorobenzene	500		480	ug/L	96		2		61	114	20
1,3-Dichlorobenzene	500		480	ug/L	96		4		65	106	20
1,4-Dichlorobenzene	500		480	ug/L	96		2		55	125	20
Benzyl Alcohol	500		550	ug/L	110	*	8		31	94	20
2-Methylphenol	500		510	ug/L	102		6		23	132	20
2,2-oxybis(1-Chloropropane)	500		560	ug/L	112		4		36	141	20
Acetophenone	500		500	ug/L	100		4		31	164	20
3+4-Methylphenols	500		510	ug/L	102		8		17	136	20
N-Nitroso-di-n-propylamine	500		530	ug/L	106		6		36	147	20
Hexachloroethane	500		490	ug/L	98		2		35	137	20
Nitrobenzene	500		500	ug/L	100		4		40	134	20
Isophorone	500		550	ug/L	110		6		39	146	20
2-Nitrophenol	500		540	ug/L	108		2		30	148	20
2,4-Dimethylphenol	500		610	ug/L	122		7		17	143	20
bis(2-Chloroethoxy)methane	500		560	ug/L	112		6		39	143	20
2,4-Dichlorophenol	500		540	ug/L	108		6		22	146	20
1,2,4-Trichlorobenzene	500		520	ug/L	104		4		66	110	20
Benzoic acid	500		390	ug/L	78		5		10	101	20
Naphthalene	500		520	ug/L	104		4		17	157	20
4-Chloroaniline	500		62.4	ug/L	12		9		10	95	20
Hexachlorobutadiene	500		510	ug/L	102		6		52	125	20
Caprolactam	500		350	ug/L	70		9		10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98		6		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		6		38	146	20
Hexachlorocyclopentadiene	1000		2800	ug/L	280	*	4		20	153	20
2,4,6-Trichlorophenol	500		580	ug/L	116		2		46	139	20
2,4,5-Trichlorophenol	500		560	ug/L	112		6		42	129	20
1,1-Biphenyl	500		550	ug/L	110		4		38	154	20
2-Chloronaphthalene	500		570	ug/L	114		0		41	145	20
2-Nitroaniline	500		550	ug/L	110		4		39	151	20
Dimethylphthalate	500		570	ug/L	114		5		42	147	20
Acenaphthylene	500		620	ug/L	124		3		40	141	20
2,6-Dinitrotoluene	500		530	ug/L	106		6		43	148	20
3-Nitroaniline	500		200	ug/L	40		5		10	111	20
Acenaphthene	500		560	ug/L	112		4		37	146	20
Total PAH	8000		9490	ug/L	119		4		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		10		14	167	20
4-Nitrophenol	1000		860	ug/L	86		1		10	130	20
Dibenzofuran	500		560	ug/L	112		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		490	ug/L	98		4		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1020	ug/L	102		5		40	151	20
Diethylphthalate	500		530	ug/L	106		6		41	148	20
4-Chlorophenyl-phenylether	500		540	ug/L	108		4		38	149	20
Fluorene	500		530	ug/L	106		6		39	144	20
4-Nitroaniline	500		420	ug/L	84		2		27	138	20
4,6-Dinitro-2-methylphenol	500		710	ug/L	142		4		32	175	20
N-Nitrosodiphenylamine	500		670	ug/L	134		6		40	150	20
Azobenzene	500		550	ug/L	110		4		72	112	20
4-Bromophenyl-phenylether	500		650	ug/L	130		8		42	151	20
Hexachlorobenzene	500		620	ug/L	124		7		60	129	20
Atrazine	500		490	ug/L	98		4		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		0		15	137	20
Phenanthrene	500		600	ug/L	120		3		40	147	20
Anthracene	500		610	ug/L	122		3		41	146	20
Carbazole	500		540	ug/L	108		2		37	154	20
Di-n-butylphthalate	500		560	ug/L	112		4		40	151	20
Fluoranthene	500		490	ug/L	98		0		42	146	20
Benzidine	1000		130	ug/L	13		26	*	10	130	20
Pyrene	500		600	ug/L	120		12		41	149	20
Butylbenzylphthalate	500		580	ug/L	116		9		39	155	20
3,3-Dichlorobenzidine	500		370	ug/L	74		6		10	114	20
Benzo(a)anthracene	500		600	ug/L	120		5		41	147	20
Chrysene	500		610	ug/L	122		7		44	144	20
bis(2-Ethylhexyl)phthalate	500		560	ug/L	112		7		33	160	20
Di-n-octyl phthalate	500		540	ug/L	108		4		36	158	20
Benzo(b)fluoranthene	500		570	ug/L	114		2		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		2		40	147	20
Benzo(a)pyrene	500		630	ug/L	126		3		42	147	20
Indeno(1,2,3-cd)pyrene	500		670	ug/L	134		5		30	166	20
Dibenz(a,h)anthracene	500		650	ug/L	130		3		23	172	20
Benzo(g,h,i)perylene	500		640	ug/L	128		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		560	ug/L	112	*	0		89	102	20
1,4-Dioxane	500		410	ug/L	82		5		38	130	20
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102		4		91	111	20
1-Methylnaphthalene	500		490	ug/L	98		9		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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: BM046713.D							
n-Nitrosodimethylamine	2100		2100	ug/Kg	100				66	124	
Pyridine	2100		1600	ug/Kg	76				45	119	
Benzaldehyde	2100		270	ug/Kg	13	*			26	163	
Aniline	2100		1700	ug/Kg	81				10	88	
Phenol	2100		2100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105				74	116	
2-Chlorophenol	2100		2200	ug/Kg	105				61	138	
1,2-Dichlorobenzene	2100		2000	ug/Kg	95				61	105	
1,3-Dichlorobenzene	2100		2000	ug/Kg	95				62	101	
1,4-Dichlorobenzene	2100		2000	ug/Kg	95				63	104	
Benzyl Alcohol	2100		2200	ug/Kg	105				47	126	
2-Methylphenol	2100		2100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	2100		2300	ug/Kg	110				52	115	
Acetophenone	2100		1900	ug/Kg	90				75	111	
3+4-Methylphenols	2100		2100	ug/Kg	100				53	132	
N-Nitroso-di-n-propylamine	2100		2100	ug/Kg	100				59	119	
Hexachloroethane	2100		2100	ug/Kg	100				65	117	
Nitrobenzene	2100		2000	ug/Kg	95				70	119	
Isophorone	2100		2100	ug/Kg	100				76	122	
2-Nitrophenol	2100		2200	ug/Kg	105				54	145	
2,4-Dimethylphenol	2100		2300	ug/Kg	110				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		2100	ug/Kg	100				57	103	
Benzoic acid	2100		1600	ug/Kg	76				50	104	
Naphthalene	2100		2100	ug/Kg	100				72	110	
4-Chloroaniline	2100		730	ug/Kg	35				10	100	
Hexachlorobutadiene	2100		2000	ug/Kg	95				66	114	
Caprolactam	2100		1500	ug/Kg	71				51	134	
4-Chloro-3-methylphenol	2100		1900	ug/Kg	90				57	132	
2-Methylnaphthalene	2100		2000	ug/Kg	95				59	123	
Hexachlorocyclopentadiene	4200		10800	ug/Kg	257	*			10	175	
2,4,6-Trichlorophenol	2100		2200	ug/Kg	105				72	117	
2,4,5-Trichlorophenol	2100		2100	ug/Kg	100				72	117	
1,1-Biphenyl	2100		2100	ug/Kg	100				75	113	
2-Chloronaphthalene	2100		2200	ug/Kg	105				67	118	
2-Nitroaniline	2100		2100	ug/Kg	100				69	127	
Dimethylphthalate	2100		2100	ug/Kg	100				70	113	
Acenaphthylene	2100		2300	ug/Kg	110				79	118	
2,6-Dinitrotoluene	2100		2000	ug/Kg	95				70	125	
3-Nitroaniline	2100		1400	ug/Kg	67				20	111	
Acenaphthene	2100		2100	ug/Kg	100				70	121	
Total PAH	33600		35300	ug/Kg	105				70	121	
2,4-Dinitrophenol	4200		4000	ug/Kg	95				16	160	
4-Nitrophenol	4200		3500	ug/Kg	83				45	133	
Dibenzofuran	2100		2100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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		3800	ug/Kg	90				55	128	
2,4-Dinitrotoluene	2100		1800	ug/Kg	86				55	128	
Diethylphthalate	2100		2000	ug/Kg	95				70	112	
4-Chlorophenyl-phenylether	2100		2000	ug/Kg	95				71	108	
Fluorene	2100		2000	ug/Kg	95				68	116	
4-Nitroaniline	2100		1600	ug/Kg	76				55	120	
4,6-Dinitro-2-methylphenol	2100		2700	ug/Kg	129				32	145	
N-Nitrosodiphenylamine	2100		2600	ug/Kg	124	*			73	118	
Azobenzene	2100		2000	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	2100		2400	ug/Kg	114				65	121	
Hexachlorobenzene	2100		2300	ug/Kg	110				67	118	
Atrazine	2100		2300	ug/Kg	110				79	127	
Pentachlorophenol	4200		3900	ug/Kg	93				47	128	
Phenanthrene	2100		2200	ug/Kg	105				72	113	
Anthracene	2100		2300	ug/Kg	110				62	124	
Carbazole	2100		2000	ug/Kg	95				59	119	
Di-n-butylphthalate	2100		2100	ug/Kg	100				69	118	
Fluoranthene	2100		1800	ug/Kg	86				59	125	
Benzydine	4200		2400	ug/Kg	57				10	119	
Pyrene	2100		2200	ug/Kg	105				52	128	
Butylbenzylphthalate	2100		2100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	2100		2000	ug/Kg	95				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		2100	ug/Kg	100				66	127	
Di-n-octyl phthalate	2100		2100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	2100		2100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	2100		2100	ug/Kg	100				74	114	
Benzo(a)pyrene	2100		2300	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	2100		2500	ug/Kg	119				61	125	
Dibenz(a,h)anthracene	2100		2500	ug/Kg	119				67	130	
Benzo(g,h,i)perylene	2100		2400	ug/Kg	114				53	140	
1,2,4,5-Tetrachlorobenzene	2100		2200	ug/Kg	105				69	124	
1,4-Dioxane	2100		1700	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	2100		2000	ug/Kg	95				56	133	
1-Methylnaphthalene	2100		1900	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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: BM046714.D							
n-Nitrosodimethylamine	2100		2400	ug/Kg	114		13		66	124	20
Pyridine	2100		1800	ug/Kg	86		12		45	119	20
Benzaldehyde	2100		290	ug/Kg	14	*	7		26	163	20
Aniline	2100		1900	ug/Kg	90	*	11		10	88	20
Phenol	2100		2400	ug/Kg	114		13		67	126	20
bis(2-Chloroethyl)ether	2100		2400	ug/Kg	114		8		74	116	20
2-Chlorophenol	2100		2400	ug/Kg	114		8		61	138	20
1,2-Dichlorobenzene	2100		2300	ug/Kg	110	*	15		61	105	20
1,3-Dichlorobenzene	2100		2300	ug/Kg	110	*	15		62	101	20
1,4-Dichlorobenzene	2100		2300	ug/Kg	110	*	15		63	104	20
Benzyl Alcohol	2100		2400	ug/Kg	114		8		47	126	20
2-Methylphenol	2100		2400	ug/Kg	114		13		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2600	ug/Kg	124	*	12		52	115	20
Acetophenone	2100		2200	ug/Kg	105		15		75	111	20
3+4-Methylphenols	2100		2300	ug/Kg	110		10		53	132	20
N-Nitroso-di-n-propylamine	2100		2300	ug/Kg	110		10		59	119	20
Hexachloroethane	2100		2300	ug/Kg	110		10		65	117	20
Nitrobenzene	2100		2300	ug/Kg	110		15		70	119	20
Isophorone	2100		2400	ug/Kg	114		13		76	122	20
2-Nitrophenol	2100		2500	ug/Kg	119		13		54	145	20
2,4-Dimethylphenol	2100		2600	ug/Kg	124		12		83	144	20
bis(2-Chloroethoxy)methane	2100		2500	ug/Kg	119	*	17		68	112	20
2,4-Dichlorophenol	2100		2400	ug/Kg	114		13		72	118	20
1,2,4-Trichlorobenzene	2100		2300	ug/Kg	110	*	10		57	103	20
Benzoic acid	2100		1800	ug/Kg	86		12		50	104	20
Naphthalene	2100		2300	ug/Kg	110		10		72	110	20
4-Chloroaniline	2100		850	ug/Kg	40		13		10	100	20
Hexachlorobutadiene	2100		2300	ug/Kg	110		15		66	114	20
Caprolactam	2100		1800	ug/Kg	86		19		51	134	20
4-Chloro-3-methylphenol	2100		2200	ug/Kg	105		15		57	132	20
2-Methylnaphthalene	2100		2300	ug/Kg	110		15		59	123	20
Hexachlorocyclopentadiene	4200		11900	ug/Kg	283	*	10		10	175	20
2,4,6-Trichlorophenol	2100		2600	ug/Kg	124	*	17		72	117	20
2,4,5-Trichlorophenol	2100		2400	ug/Kg	114		13		72	117	20
1,1-Biphenyl	2100		2400	ug/Kg	114	*	13		75	113	20
2-Chloronaphthalene	2100		2500	ug/Kg	119	*	13		67	118	20
2-Nitroaniline	2100		2400	ug/Kg	114		13		69	127	20
Dimethylphthalate	2100		2400	ug/Kg	114	*	13		70	113	20
Acenaphthylene	2100		2600	ug/Kg	124	*	12		79	118	20
2,6-Dinitrotoluene	2100		2300	ug/Kg	110		15		70	125	20
3-Nitroaniline	2100		1600	ug/Kg	76		13		20	111	20
Acenaphthene	2100		2400	ug/Kg	114		13		70	121	20
Total PAH	33600		39800	ug/Kg	118		12		70	121	20
2,4-Dinitrophenol	4200		4500	ug/Kg	107		12		16	160	20
4-Nitrophenol	4200		4100	ug/Kg	98		17		45	133	20
Dibenzofuran	2100		2400	ug/Kg	114	*	13		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071824

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		4400	ug/Kg	105		15		55	128	20
2,4-Dinitrotoluene	2100		2100	ug/Kg	100		15		55	128	20
Diethylphthalate	2100		2200	ug/Kg	105		10		70	112	20
4-Chlorophenyl-phenylether	2100		2300	ug/Kg	110	*	15		71	108	20
Fluorene	2100		2200	ug/Kg	105		10		68	116	20
4-Nitroaniline	2100		1900	ug/Kg	90		17		55	120	20
4,6-Dinitro-2-methylphenol	2100		3000	ug/Kg	143		10		32	145	20
N-Nitrosodiphenylamine	2100		2900	ug/Kg	138	*	11		73	118	20
Azobenzene	2100		2300	ug/Kg	110		15		73	110	20
4-Bromophenyl-phenylether	2100		2700	ug/Kg	129	*	12		65	121	20
Hexachlorobenzene	2100		2600	ug/Kg	124	*	12		67	118	20
Atrazine	2100		2600	ug/Kg	124		12		79	127	20
Pentachlorophenol	4200		4400	ug/Kg	105		12		47	128	20
Phenanthrene	2100		2600	ug/Kg	124	*	17		72	113	20
Anthracene	2100		2500	ug/Kg	119		8		62	124	20
Carbazole	2100		2300	ug/Kg	110		15		59	119	20
Di-n-butylphthalate	2100		2300	ug/Kg	110		10		69	118	20
Fluoranthene	2100		2000	ug/Kg	95		10		59	125	20
Benzidine	4200		3100	ug/Kg	74		26	*	10	119	20
Pyrene	2100		2400	ug/Kg	114		8		52	128	20
Butylbenzylphthalate	2100		2400	ug/Kg	114		13		64	126	20
3,3-Dichlorobenzidine	2100		2300	ug/Kg	110		15		10	164	20
Benzo(a)anthracene	2100		2500	ug/Kg	119	*	13		71	114	20
Chrysene	2100		2500	ug/Kg	119		13		57	121	20
bis(2-Ethylhexyl)phthalate	2100		2300	ug/Kg	110		10		66	127	20
Di-n-octyl phthalate	2100		2300	ug/Kg	110		10		71	126	20
Benzo(b)fluoranthene	2100		2400	ug/Kg	114		13		67	121	20
Benzo(k)fluoranthene	2100		2400	ug/Kg	114		13		74	114	20
Benzo(a)pyrene	2100		2600	ug/Kg	124		12		70	142	20
Indeno(1,2,3-cd)pyrene	2100		2900	ug/Kg	138	*	15		61	125	20
Dibenz(a,h)anthracene	2100		2800	ug/Kg	133	*	11		67	130	20
Benzo(g,h,i)perylene	2100		2700	ug/Kg	129		12		53	140	20
1,2,4,5-Tetrachlorobenzene	2100		2500	ug/Kg	119		13		69	124	20
1,4-Dioxane	2100		1900	ug/Kg	90		11		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2200	ug/Kg	105		10		56	133	20
1-Methylnaphthalene	2100		2100	ug/Kg	100		11		70	130	20

Surrogate Summary

SW-846

SDG No.: **BM071824**

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	BM046711.D	2-Fluorophenol	150	93.29	62		18	112
			Phenol-d6	150	89.51	60		15	107
			Nitrobenzene-d5	100	62.78	63		18	107
			2-Fluorobiphenyl	100	62.39	62		20	109
			2,4,6-Tribromophenol	150	80.75	54		10	110
			Terphenyl-d14	100	59.39	59		14	112
P3246-06	WC-CTW2-BL-02	BM046712.D	2-Fluorophenol	150	132.58	88		18	112
			Phenol-d6	150	129.40	86		15	107
			Nitrobenzene-d5	100	84.75	85		18	107
			2-Fluorobiphenyl	100	90.05	90		20	109
			2,4,6-Tribromophenol	150	113.37	76		10	110
			Terphenyl-d14	100	88.59	89		14	112
P3246-06MS	WC-CTW2-BL-02	BM046713.D	2-Fluorophenol	150	117.42	78		18	112
			Phenol-d6	150	111.03	74		15	107
			Nitrobenzene-d5	100	71.27	71		18	107
			2-Fluorobiphenyl	100	76.96	77		20	109
			2,4,6-Tribromophenol	150	96.14	64		10	110
			Terphenyl-d14	100	80.09	80		14	112
P3246-06MSD	WC-CTW2-BL-02	BM046714.D	2-Fluorophenol	150	131.56	88		18	112
			Phenol-d6	150	126.44	84		15	107
			Nitrobenzene-d5	100	82.08	82		18	107
			2-Fluorobiphenyl	100	87.81	88		20	109
			2,4,6-Tribromophenol	150	107.31	72		10	110
			Terphenyl-d14	100	88.55	89		14	112
P3246-11	WC-CTW2-BL-03	BM046717.D	2-Fluorophenol	150	108.65	72		18	112
			Phenol-d6	150	107.15	71		15	107
			Nitrobenzene-d5	100	69.94	70		18	107
			2-Fluorobiphenyl	100	71.11	71		20	109
			2,4,6-Tribromophenol	150	84.92	57		10	110
			Terphenyl-d14	100	62.04	62		14	112
P3246-16	WC-CTW2-BL-04	BM046715.D	2-Fluorophenol	150	91.44	61		18	112
			Phenol-d6	150	94.68	63		15	107
			Nitrobenzene-d5	100	57.96	58		18	107
			2-Fluorobiphenyl	100	54.48	54		20	109
			2,4,6-Tribromophenol	150	77.67	52		10	110
			Terphenyl-d14	100	61.15	61		14	112
P3246-21	WC-CTW2-BL-05	BM046716.D	2-Fluorophenol	150	150.64	100		18	112
			Phenol-d6	150	150.81	101		15	107
			Nitrobenzene-d5	100	93.84	94		18	107
			2-Fluorobiphenyl	100	96.00	96		20	109
			2,4,6-Tribromophenol	150	127.13	85		10	110
			Terphenyl-d14	100	102.46	102		14	112
P3248-02	B-120-SB02	BM046707.D	2-Fluorophenol	150	99.65	66		18	112
			Phenol-d6	150	94.99	63		15	107
			Nitrobenzene-d5	100	62.31	62		18	107
			2-Fluorobiphenyl	100	66.16	66		20	109
			2,4,6-Tribromophenol	150	87.36	58		10	110
			Terphenyl-d14	100	60.40	60		14	112
PB162084BL	PB162084BL	BM046702.D	2-Fluorophenol	150	159.60	106		18	112



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

Surrogate Summary

SW-846

SDG No.: BM071824

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162084BL	PB162084BL	BM046702.D	Phenol-d6	150	158.24	105		15	107
			Nitrobenzene-d5	100	99.03	99		18	107
			2-Fluorobiphenyl	100	96.86	97		20	109
			2,4,6-Tribromophenol	150	151.24	101		10	110
			Terphenyl-d14	100	112.47	112		14	112

Surrogate Summary

SW-846

SDG No.: **BM071824**

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-01	NBM046708.D	2-Fluorophenol	150	137.92	92		10	139
			Phenol-d6	150	118.75	79		10	134
			Nitrobenzene-d5	100	94.70	95		49	133
			2-Fluorobiphenyl	100	103.17	103		52	132
			2,4,6-Tribromophenol	150	123.09	82		32	145
			Terphenyl-d14	100	106.69	107		36	145
P3246-02MSD	WC-CTW2-BL-01	NBM046709.D	2-Fluorophenol	150	144.04	96		10	139
			Phenol-d6	150	126.75	84		10	134
			Nitrobenzene-d5	100	97.86	98		49	133
			2-Fluorobiphenyl	100	106.92	107		52	132
			2,4,6-Tribromophenol	150	129.79	87		32	145
			Terphenyl-d14	100	118.58	119		36	145
P3246-07	WC-CTW2-BL-02	BM046710.D	2-Fluorophenol	150	153.12	102		10	139
			Phenol-d6	150	133.38	89		10	134
			Nitrobenzene-d5	100	101.24	101		49	133
			2-Fluorobiphenyl	100	120.54	121		52	132
			2,4,6-Tribromophenol	150	154.54	103		32	145
			Terphenyl-d14	100	135.86	136		36	145
P3246-12	WC-CTW2-BL-03	BM046703.D	2-Fluorophenol	150	132.83	89		10	139
			Phenol-d6	150	117.51	78		10	134
			Nitrobenzene-d5	100	97.11	97		49	133
			2-Fluorobiphenyl	100	101.76	102		52	132
			2,4,6-Tribromophenol	150	133.40	89		32	145
			Terphenyl-d14	100	108.00	108		36	145
P3246-17	WC-CTW2-BL-04	BM046706.D	2-Fluorophenol	150	136.36	91		10	139
			Phenol-d6	150	114.61	76		10	134
			Nitrobenzene-d5	100	101.81	102		49	133
			2-Fluorobiphenyl	100	108.32	108		52	132
			2,4,6-Tribromophenol	150	135.05	90		32	145
			Terphenyl-d14	100	118.14	118		36	145
P3246-22	WC-CTW2-BL-05	BM046705.D	2-Fluorophenol	150	143.93	96		10	139
			Phenol-d6	150	124.74	83		10	134
			Nitrobenzene-d5	100	105.73	106		49	133
			2-Fluorobiphenyl	100	109.67	110		52	132
			2,4,6-Tribromophenol	150	144.33	96		32	145
			Terphenyl-d14	100	128.83	129		36	145
P3246-27	WC-CTW2-BL-06	BM046704.D	2-Fluorophenol	150	145.80	97		10	139
			Phenol-d6	150	130.29	87		10	134
			Nitrobenzene-d5	100	107.89	108		49	133
			2-Fluorobiphenyl	100	110.33	110		52	132
			2,4,6-Tribromophenol	150	138.05	92		32	145
			Terphenyl-d14	100	119.63	120		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071824

Lab Code: CHEM

SAS No.: BM071824 SDG NO.: BM071824

Lab File ID: BM046700.D

DFTPP Injection Date: 07/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 13:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.8
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	57.7
443	15.0 - 24.0% of mass 442	10.8 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM046701.D	07/18/2024	13:55
PB162084BL	PB162084BL	BM046702.D	07/18/2024	14:35
WC-CTW2-BL-03	P3246-12	BM046703.D	07/18/2024	15:20
WC-CTW2-BL-06	P3246-27	BM046704.D	07/18/2024	16:01
WC-CTW2-BL-05	P3246-22	BM046705.D	07/18/2024	16:41
WC-CTW2-BL-04	P3246-17	BM046706.D	07/18/2024	17:21
B-120-SB02	P3248-02	BM046707.D	07/18/2024	18:01
WC-CTW2-BL-01MS	P3246-02MS	BM046708.D	07/18/2024	18:41
WC-CTW2-BL-01MSD	P3246-02MSD	BM046709.D	07/18/2024	19:21
WC-CTW2-BL-02	P3246-07	BM046710.D	07/18/2024	20:02
WC-CTW2-BL-01	P3246-01	BM046711.D	07/18/2024	20:42
WC-CTW2-BL-02	P3246-06	BM046712.D	07/18/2024	21:22
WC-CTW2-BL-02MS	P3246-06MS	BM046713.D	07/18/2024	22:01
WC-CTW2-BL-02MSD	P3246-06MSD	BM046714.D	07/18/2024	22:41
WC-CTW2-BL-04	P3246-16	BM046715.D	07/18/2024	23:21
WC-CTW2-BL-05	P3246-21	BM046716.D	07/19/2024	00:01
WC-CTW2-BL-03	P3246-11	BM046717.D	07/19/2024	00:40