CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG No.: BG051324

Instrument ID: BNA_G Calibration Date/Time: 5/13/2024 12 13:12

Lab File ID: BG061173.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	1.124	1.071		-4.715	
Pyridine	1.170	1.179		0.769	
2-Fluorophenol	0.983	0.964		-1.933	
Benzaldehyde	0.820	0.828		0.976	
Aniline	1.442	1.365		-5.34	
Phenol-d6	1.455	1.415		-2.749	
Phenol	1.479	1.423		-3.786	20.0
bis(2-Chloroethyl)ether	1.022	0.994		-2.74	
2-Chlorophenol	1.206	1.116		-7.463	
1,2-Dichlorobenzene	1.418	1.384		-2.398	
1,3-Dichlorobenzene	1.422	1.334		-6.188	
1,4-Dichlorobenzene	1.470	1.365		-7.143	20.0
Benzyl Alcohol	1.312	1.204		-8.232	
2-Methylphenol	1.054	1.024		-2.846	
2,2-oxybis(1-Chloropropane)	2.218	2.290		3.246	
Acetophenone	0.498	0.506		1.606	
3+4-Methylphenols	1.521	1.391		-8.547	
n-Nitroso-di-n-propylamine	1.089	0.978	0.050	-10.193	
Nitrobenzene-d5	0.403	0.399		-0.993	
Hexachloroethane	0.525	0.502		-4.381	
Nitrobenzene	0.395	0.392		-0.759	
Isophorone	0.746	0.711		-4.692	
2-Nitrophenol	0.187	0.183		-2.139	20.0
2,4-Dimethylphenol	0.216	0.210		-2.778	
bis(2-Chloroethoxy)methane	0.366	0.361		-1.366	
2,4-Dichlorophenol	0.338	0.324		-4.142	20.0
1,2,4-Trichlorobenzene	0.407	0.395		-2.948	
Benzoic acid	0.249	0.137		-44.98	
Naphthalene	1.039	1.010		-2.791	
4-Chloroaniline	0.415	0.389		-6.265	
Hexachlorobutadiene	0.349	0.346		-0.86	20.0
Caprolactam	0.122	0.101		-17.213	
4-Chloro-3-methylphenol	0.407	0.363		-10.811	20.0
2-Methylnaphthalene	0.779	0.724		-7.06	
Hexachlorocyclopentadiene	0.256	0.282	0.050	10.156	
2,4,6-Trichlorophenol	0.429	0.396		-7.692	20.0
2-Fluorobiphenyl	1.353	1.327		-1.922	
2,4,5-Trichlorophenol	0.485	0.456		-5.979	
1,1-Biphenyl	1.282	1.254		-2.184	

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Lab File ID: BG061173.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	1.027	1.018		-0.876	
2-Nitroaniline	0.381	0.378		-0.787	
Dimethylphthalate	1.545	1.431		-7.379	
Acenaphthylene	1.577	1.544		-2.093	
2,6-Dinitrotoluene	0.330	0.318		-3.636	
3-Nitroaniline	0.302	0.275		-8.94	
Acenaphthene	0.984	0.957		-2.744	20.0
2,4-Dinitrophenol	0.213	0.199	0.050	-6.573	
4-Nitrophenol	0.244	0.203	0.050	-16.803	
Dibenzofuran	1.662	1.578		-5.054	
2,4-Dinitrotoluene	0.489	0.458		-6.339	
Diethylphthalate	1.558	1.408		-9.628	
4-Chlorophenyl-phenylether	0.863	0.787		-8.806	
Fluorene	1.438	1.351		-6.05	
4-Nitroaniline	0.328	0.308		-6.098	
4,6-Dinitro-2-methylphenol	0.124	0.119		-4.032	
n-Nitrosodiphenylamine	0.496	0.502		1.21	20.0
Azobenzene	1.213	1.158		-4.534	
2,4,6-Tribromophenol	0.400	0.348		-13.0	
4-Bromophenyl-phenylether	0.236	0.249		5.508	
Hexachlorobenzene	0.293	0.298		1.706	
Atrazine	0.205	0.184		-10.244	
Pentachlorophenol	0.180	0.162		-10.0	20.0
Phenanthrene	0.914	0.894		-2.188	
Anthracene	0.913	0.903		-1.095	
Carbazole	0.802	0.781		-2.618	
Di-n-butylphthalate	0.954	0.922		-3.354	
Fluoranthene	1.253	1.205		-3.831	20.0
Benzidine	0.328	0.370		12.805	
Pyrene	1.272	1.231		-3.223	
Terphenyl-d14	1.203	1.144		-4.904	
Butylbenzylphthalate	0.402	0.395		-1.741	
3,3-Dichlorobenzidine	0.471	0.441		-6.369	
Benzo(a)anthracene	1.309	1.248		-4.66	
Chrysene	1.226	1.172		-4.405	
Bis(2-ethylhexyl)phthalate	0.526	0.533		1.331	
Di-n-octyl phthalate	0.927	0.904		-2.481	20.0
Benzo(b)fluoranthene	1.118	1.050		-6.082	
Benzo(k)fluoranthene	1.075	1.016		-5.488	

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Instrument ID: BNA_G Calibration Date/Time: 5/13/2024 12 13:12

Lab File ID: BG061173.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	0.974	0.933		-4.209	20.0
Indeno(1,2,3-cd)pyrene	1.325	1.291		-2.566	
Dibenzo(a,h)anthracene	1.098	1.071		-2.459	
Benzo(g,h,i)perylene	1.091	1.066		-2.291	
1,2,4,5-Tetrachlorobenzene	0.667	0.665		-0.3	
1,4-Dioxane	0.398	0.396		-0.503	20.0
2,3,4,6-Tetrachlorophenol	0.499	0.434		-13.026	
1-Methylnaphthalene	0.784	0.712		-9.184	

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160833TB			SDG No.:	BG051324
Lab Sample ID:	PB160833TB			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
BG061174.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160833TB			SDG No.:	BG051324
Lab Sample ID:	PB160833TB			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
BG061174.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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 (mixtur	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

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160833TB			SDG No.:	BG051324
Lab Sample ID:	PB160833TB			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
BG061174.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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	179.757		10-139		120	SPK: -150
13127-88-3	Phenol-d6	145.522		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	88.62		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	85.716		52-132		86	SPK: -100

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160833TB			SDG No.:	BG051324
Lab Sample ID:	PB160833TB			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
BG061174.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.187		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	87.75		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	18053	7.93				
1146-65-2	Naphthalene-d8	73133	10.726				
15067-26-2	Acenaphthene-d10	62738	14.563				
1517-22-2	Phenanthrene-d10	174494	17.313				
1719-03-5	Chrysene-d12	185955	21.567				
1520-96-3	Perylene-d12	214033	24.692				

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	WC-HH			SDG No.:	BG051324
Lab Sample ID:	P2423-08			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
BG061175.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	WC-HH			SDG No.:	BG051324
Lab Sample ID:	P2423-08			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
BG061175.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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 (mixtur	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

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	WC-HH			SDG No.:	BG051324
Lab Sample ID:	P2423-08			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
BG061175.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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	290		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	131.972		10-139		88	SPK: -150
13127-88-3	Phenol-d6	89.548		10-134		60	SPK: -150
4165-60-0	Nitrobenzene-d5	81.916		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.768		52-132		81	SPK: -100

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	WC-HH			SDG No.:	BG051324
Lab Sample ID:	P2423-08			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
BG061175.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.026		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	86.5		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21292	7.93				
1146-65-2	Naphthalene-d8	75374	10.721				
15067-26-2	Acenaphthene-d10	58601	14.557				
1517-22-2	Phenanthrene-d10	157626	17.307				
1719-03-5	Chrysene-d12	188646	21.567				
1520-96-3	Perylene-d12	217128	24.687				

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS001-1224-01			SDG No.:	BG051324
Lab Sample ID:	P2430-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061176.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS001-1224-01			SDG No.:	BG051324
Lab Sample ID:	P2430-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061176.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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 (mixtur	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

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS001-1224-01			SDG No.:	BG051324
Lab Sample ID:	P2430-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061176.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

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	151.607		10-139		101	SPK: -150
13127-88-3	Phenol-d6	103.929		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	91.836		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.314		52-132		87	SPK: -100

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-SS001-1224-01			SDG No.:	BG051324
Lab Sample ID:	P2430-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061176.D	1	5/10/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.377		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	87.173		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20541	7.929				
1146-65-2	Naphthalene-d8	72077	10.72				
15067-26-2	Acenaphthene-d10	56351	14.557				
1517-22-2	Phenanthrene-d10	158972	17.306				
1719-03-5	Chrysene-d12	190442	21.56				
1520-96-3	Perylene-d12	216995	24.686				

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240508-01			SDG No.:	BG051324
Lab Sample ID:	P2449-05			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061177.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

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

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240508-01	SDG No.:	BG051324
Lab Sample ID:	P2449-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061177.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

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

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240508-01			SDG No.:	BG051324
Lab Sample ID:	P2449-05			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061177.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	66.633		10-139		44	SPK: -150
13127-88-3	Phenol-d6	33.916		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	103.374		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	98.881		52-132		99	SPK: -100

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Report of Analysis

Client:				Date Collected:	5/8/2024 12:00:00 AM
Project:				Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240508-01			SDG No.:	BG051324
Lab Sample ID:	P2449-05			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061177.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.29		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	94.037		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22886	7.926				
1146-65-2	Naphthalene-d8	75742	10.722				
15067-26-2	Acenaphthene-d10	62302	14.559				
1517-22-2	Phenanthrene-d10	168711	17.303				
1719-03-5	Chrysene-d12	194826	21.563				
1520-96-3	Perylene-d12	223934	24.682				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	7.3	J			3.073	
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			3.149	
000106-67-2	1-Pentanol, 2-ethyl-4-methyl-	5.6	J			7.99	
000090-05-1	Phenol, 2-methoxy-	5.1	J			9.018	
000102-76-1	Triacetin	4.8	J			12.538	
244074-78-0	Pentanoic acid, 2,2,4-trimethyl-3-	3.8	J			12.914	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.7	J			17.973	
090949-53-4	7-Nonenamide	2.6	J			20.611	
000301-02-0	9-Octadecenamide, (Z)-	44.4	J			23.002	

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Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM
Project:				Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01			SDG No.:	BG051324
Lab Sample ID:	P2450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061178.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

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

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01	SDG No.:	BG051324
Lab Sample ID:	P2450-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061178.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	3.6	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM
Project:				Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01			SDG No.:	BG051324
Lab Sample ID:	P2450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061178.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	58.965		10-139		39	SPK: -150
13127-88-3	Phenol-d6	30.934		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	102.569		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	98.514		52-132		99	SPK: -100

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM
Project:				Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01			SDG No.:	BG051324
Lab Sample ID:	P2450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061178.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.105		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	93.468		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22158	7.925				
1146-65-2	Naphthalene-d8	74949	10.722				
15067-26-2	Acenaphthene-d10	55665	14.553				
1517-22-2	Phenanthrene-d10	165607	17.303				
1719-03-5	Chrysene-d12	188719	21.562				
1520-96-3	Perylene-d12	100657	24.682				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	4.1	J			3.066	
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.143	
003744-02-3	4-Penten-2-one, 4-methyl-	9.8	J			3.854	
000763-93-9	3-Hexen-2-one	59.6	J			4.453	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	39.5	A			5.046	
1010383-25-4	Carbonic acid, heptyl vinyl ester	5.9	J			7.99	
000090-05-1	Phenol, 2-methoxy-	6.3	J			9.018	
	unknown9.247	3.9	J			9.247	
1000309-22-3	Sulfurous acid, cyclohexylmethyl p	3.8	J			11.098	
	unknown11.133	3.4	J			11.133	
000095-16-9	Benzothiazole	4.1	J			11.363	
000102-76-1	Triacetin	4.7	J			12.538	
067498-53-7	7a-Methyl-3-methylenehexahydrobenz	2	J			18.713	
1000465-48-0	(Z)-Docos-9-enenitrile	3	J			21.257	
000301-02-0	9-Octadecenamide, (Z)-	20.1	J			23.002	

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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EQ-TANK-CONTAINMENT-PIT			SDG No.:	BG051324
Lab Sample ID:	P2440-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	990	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
BG061179.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EQ-TANK-CONTAINMENT-PIT			SDG No.:	BG051324
Lab Sample ID:	P2440-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	990	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
BG061179.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	7.6		1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	241.3	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	2.5	J	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EQ-TANK-CONTAINMENT-PIT			SDG No.:	BG051324
Lab Sample ID:	P2440-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	990	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
BG061179.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	38.1		0.9	4	5.1	ug/L
120-12-7	Anthracene	3.3	J	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	40.2		1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	61.3		1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	11.7		0.95	4	5.1	ug/L
218-01-9	Chrysene	23.6		0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	16		1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	4.7	J	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	14.1		1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.9		1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	J	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	9.3		1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.012		10-139		31	SPK: -150
13127-88-3	Phenol-d6	26.126		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	76.836		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	73.56		52-132		74	SPK: -100

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EQ-TANK-CONTAINMENT-PIT			SDG No.:	BG051324
Lab Sample ID:	P2440-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	990	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
BG061179.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.717		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	73.871		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26139	7.93				
1146-65-2	Naphthalene-d8	92269	10.721				
15067-26-2	Acenaphthene-d10	75392	14.557				
1517-22-2	Phenanthrene-d10	189362	17.307				
1719-03-5	Chrysene-d12	195951	21.567				
1520-96-3	Perylene-d12	243435	24.687				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.147	
000605-02-7	Naphthalene, 1-phenyl-	6.8	J			17.824	
1000383-55-1	2-Methyldibenzothiophene	3.9	J			17.889	
000832-69-9	Phenanthrene, 1-methyl-	19.8	J			18.183	
000832-64-4	Phenanthrene, 4-methyl-	15.9	J			18.23	
000610-48-0	Anthracene, 1-methyl-	26.2	J			18.371	
000613-12-7	Anthracene, 2-methyl-	11.4	J			18.412	
000090-44-8	Anthrone	5.4	J			18.582	
000612-94-2	Naphthalene, 2-phenyl-	17.3	J			18.682	
000084-65-1	9,10-Anthracenedione	9.8	J			18.723	
000781-43-1	9,10-Dimethylanthracene	14.4	J			19.099	
001576-67-6	Phenanthrene, 3,6-dimethyl-	5.9	J			19.158	
	unknown19.240	10	J			19.24	
057341-98-7	Benzaldehyde, 4-(phenylethynyl)-	14.8	J			19.428	
002381-21-7	Pyrene, 1-methyl-	5.2	J			20.051	
000243-17-4	11H-Benzo[b]fluorene	5.8	J			20.221	
003442-78-2	Pyrene, 2-methyl-	3.9	J			20.38	
000198-55-0	Perylene	4.9	J			23.952	
000192-97-2	Benzo[e]pyrene	12.4	J			24.399	

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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EQ-TANK-CONTAINMENT-PIT			SDG No.:	BG051324
Lab Sample ID:	P2440-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	990	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
BG061179.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC			SDG No.:	BG051324
Lab Sample ID:	P2454-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	980	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
BG061180.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC			SDG No.:	BG051324
Lab Sample ID:	P2454-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	980	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
BG061180.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC			SDG No.:	BG051324
Lab Sample ID:	P2454-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	980	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
BG061180.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	68.739		10-139		46	SPK: -150
13127-88-3	Phenol-d6	39.687		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	92.681		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	92.668		52-132		93	SPK: -100

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC			SDG No.:	BG051324
Lab Sample ID:	P2454-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	980	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
BG061180.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.477		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	73.617		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35032	7.933				
1146-65-2	Naphthalene-d8	109538	10.724				
15067-26-2	Acenaphthene-d10	78856	14.566				
1517-22-2	Phenanthrene-d10	249225	17.345				
1719-03-5	Chrysene-d12	204123	21.629				
1520-96-3	Perylene-d12	189435	24.76				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	89.9	J			3.15	
1417621-45-4	(6-Chloro-2-methylhexan-2-yl)benze	33	J			12.492	
001889-67-4	Benzene, 1,1-(1,1,2,2-tetramethyl	160	J			12.998	
1000293-27-9	2,4,4,6-Tetramethyl-6-phenyl-1-hep	56.6	J			13.726	
001010-48-6	Benzenepropanoic acid, .beta.,.bet	67	J			13.938	
1000382-72-0	Diglycolic acid, 2-acetylphenyl pe	84.6	J			14.038	
1000293-27-7	Thiocyanic acid, 1,1,3-trimethyl-3	84.2	J			14.149	
027854-41-7	Tridecane, 2-methyl-2-phenyl-	51.8	J			14.331	
	unknown14.737	180	J			14.737	
	unknown14.977	200	J			14.977	
055191-25-8	Benzene, (1,1-dimethylnonyl)-	91.4	J			15.03	
018057-16-4	Cumene hydroperoxide, TMS derivati	68.7	J			15.066	
001461-02-5	Benzene, 1-(1,5-dimethylhexyl)-4-m	33.1	J			15.26	
055134-07-1	Benzene, (1,1,4,6,6-pentamethylhep	150	J			15.377	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	63.1	J			15.442	
	unknown15.536	330	J			15.536	
027854-40-6	Benzene, (1,1-dimethyldecyl)-	55.3	J			15.747	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	440	J			15.865	
1000382-71-9	Diglycolic acid, 2-acetylphenyl bu	400	J			15.929	

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC			SDG No.:	BG051324
Lab Sample ID:	P2454-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	980	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
BG061180.D	1	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002400-00-2	Benzene, (1-ethyldecyl)-	28	J			16.241	

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Report of Analysis

Client:				Date Collected:	5/13/2024 12:00:00 AM
Project:				Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SCRUBBER-LIQUID			SDG No.:	BG051324
Lab Sample ID:	P2465-05			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	10000 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
BG061181.D	20	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500800	U	500800	1.5577e+00(	1.9039e+006	ug/Kg
110-86-1	Pyridine	461000	U	461000	750000	980800	ug/Kg
100-52-7	Benzaldehyde	1050000	U	1.05e+00(	1.5577e+00(	1.9039e+006	ug/Kg
62-53-3	Aniline	559000	U	559000	750000	980800	ug/Kg
108-95-2	Phenol	478300	U	478300	750000	980800	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	482900	U	482900	750000	980800	ug/Kg
95-57-8	2-Chlorophenol	481700	U	481700	750000	980800	ug/Kg
95-50-1	1,2-Dichlorobenzene	488100	U	488100	750000	980800	ug/Kg
541-73-1	1,3-Dichlorobenzene	496200	U	496200	750000	980800	ug/Kg
106-46-7	1,4-Dichlorobenzene	499000	U	499000	750000	980800	ug/Kg
100-51-6	Benzyl Alcohol	478800	U	478800	1.5577e+00(	1.9039e+006	ug/Kg
95-48-7	2-Methylphenol	465000	U	465000	750000	980800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	524400	U	524400	750000	980800	ug/Kg
98-86-2	Acetophenone	501300	U	501300	750000	980800	ug/Kg
65794-96-9	3+4-Methylphenols	460400	U	460400	1.5577e+00(	1.9039e+006	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	232500	U	232500	461500	461500	ug/Kg
67-72-1	Hexachloroethane	478800	U	478800	750000	980800	ug/Kg
98-95-3	Nitrobenzene	523800	U	523800	750000	980800	ug/Kg
78-59-1	Isophorone	488100	U	488100	750000	980800	ug/Kg
88-75-5	2-Nitrophenol	545200	U	545200	750000	980800	ug/Kg
105-67-9	2,4-Dimethylphenol	537700	U	537700	750000	980800	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	495000	U	495000	750000	980800	ug/Kg
120-83-2	2,4-Dichlorophenol	435600	U	435600	750000	980800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	492700	U	492700	750000	980800	ug/Kg
65-85-0	Benzoic acid	1367300	U	1.3673e+(	1.5577e+00(	1.9039e+006	ug/Kg
91-20-3	Naphthalene	476500	U	476500	750000	980800	ug/Kg
106-47-8	4-Chloroaniline	476500	U	476500	750000	980800	ug/Kg
87-68-3	Hexachlorobutadiene	480600	U	480600	750000	980800	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	5/13/2024 12:00:00 AM
Project:				Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SCRUBBER-LIQUID			SDG No.:	BG051324
Lab Sample ID:	P2465-05			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	10000 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
BG061181.D	20	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500800	U	500800	1.5577e+00(	1.9039e+006	ug/Kg
59-50-7	4-Chloro-3-methylphenol	447100	U	447100	750000	980800	ug/Kg
91-57-6	2-Methylnaphthalene	476000	U	476000	750000	980800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900000	U	900000	1.5577e+00(	1.9039e+006	ug/Kg
88-06-2	2,4,6-Trichlorophenol	411900	U	411900	750000	980800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	426900	U	426900	750000	980800	ug/Kg
92-52-4	1,1-Biphenyl	504200	U	504200	750000	980800	ug/Kg
91-58-7	2-Chloronaphthalene	480600	U	480600	750000	980800	ug/Kg
88-74-4	2-Nitroaniline	548100	U	548100	750000	980800	ug/Kg
131-11-3	Dimethylphthalate	471300	U	471300	750000	980800	ug/Kg
208-96-8	Acenaphthylene	499000	U	499000	750000	980800	ug/Kg
606-20-2	2,6-Dinitrotoluene	480000	U	480000	750000	980800	ug/Kg
99-09-2	3-Nitroaniline	514600	U	514600	750000	980800	ug/Kg
83-32-9	Acenaphthene	467900	U	467900	750000	980800	ug/Kg
Total PAH	Total PAH	7644700	U	7.6447e+(	750000	1.56928e+007	ug/Kg
51-28-5	2,4-Dinitrophenol	1401900	U	1.4019e+(	1.5577e+00(	1.9039e+006	ug/Kg
100-02-7	4-Nitrophenol	669200	U	669200	1.5577e+00(	1.9039e+006	ug/Kg
132-64-9	Dibenzofuran	486900	U	486900	750000	980800	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	977300	U	977300	750000	1.9616e+006	ug/Kg
121-14-2	2,4-Dinitrotoluene	497300	U	497300	750000	980800	ug/Kg
84-66-2	Diethylphthalate	462100	U	462100	750000	980800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	493800	U	493800	750000	980800	ug/Kg
86-73-7	Fluorene	493300	U	493300	750000	980800	ug/Kg
100-01-6	4-Nitroaniline	617300	U	617300	750000	980800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	675000	U	675000	1.5577e+00(	1.9039e+006	ug/Kg
86-30-6	n-Nitrosodiphenylamine	470800	U	470800	750000	980800	ug/Kg
103-33-3	Azobenzene	459200	U	459200	750000	980800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	455200	U	455200	750000	980800	ug/Kg
118-74-1	Hexachlorobenzene	490400	U	490400	750000	980800	ug/Kg
1912-24-9	Atrazine	527300	U	527300	750000	980800	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/13/2024 12:00:00 AM
Project:				Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SCRUBBER-LIQUID			SDG No.:	BG051324
Lab Sample ID:	P2465-05			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	10000 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
BG061181.D	20	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	446000	U	446000	1.5577e+00(	1.9039e+006	ug/Kg
85-01-8	Phenanthrene	484600	U	484600	750000	980800	ug/Kg
120-12-7	Anthracene	486900	U	486900	750000	980800	ug/Kg
86-74-8	Carbazole	463300	U	463300	750000	980800	ug/Kg
84-74-2	Di-n-butylphthalate	486300	U	486300	750000	980800	ug/Kg
206-44-0	Fluoranthene	471300	U	471300	750000	980800	ug/Kg
92-87-5	Benzidine	940400	U	940400	1.5577e+00(	1.9039e+006	ug/Kg
129-00-0	Pyrene	478800	U	478800	750000	980800	ug/Kg
85-68-7	Butylbenzylphthalate	1324800		558500	750000	980800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	568800	U	568800	1.5577e+00(	1.9039e+006	ug/Kg
56-55-3	Benzo(a)anthracene	465600	U	465600	750000	980800	ug/Kg
218-01-9	Chrysene	458700	U	458700	750000	980800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	525000	U	525000	750000	980800	ug/Kg
117-84-0	Di-n-octyl phthalate	634600	U	634600	1.5577e+00(	1.9039e+006	ug/Kg
205-99-2	Benzo(b)fluoranthene	467900	U	467900	750000	980800	ug/Kg
207-08-9	Benzo(k)fluoranthene	476500	U	476500	750000	980800	ug/Kg
50-32-8	Benzo(a)pyrene	536500	U	536500	750000	980800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450600	U	450600	750000	980800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	468500	U	468500	750000	980800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	462100	U	462100	750000	980800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500800	U	500800	750000	980800	ug/Kg
123-91-1	1,4-Dioxane	634600	U	634600	750000	980800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	431000	U	431000	750000	980800	ug/Kg
90-12-0	1-Methylnaphthalene	480000	U	480000	980800	980800	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	177.6	*	18-112		118	SPK: -150
13127-88-3	Phenol-d6	202.4	*	15-107		135	SPK: -150
4165-60-0	Nitrobenzene-d5	117.4	*	18-107		117	SPK: -100
321-60-8	2-Fluorobiphenyl	109.2		20-109		109	SPK: -100

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/13/2024 12:00:00 AM
Project:				Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SCRUBBER-LIQUID			SDG No.:	BG051324
Lab Sample ID:	P2465-05			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	10000 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
BG061181.D	20	5/13/2024 12:00:00 AM	5/13/2024 12:00:00 AM	PB160889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.4		10-110		100	SPK: -150
1718-51-0	Terphenyl-d14	110.8		14-112		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21975	7.934				
1146-65-2	Naphthalene-d8	84062	10.725				
15067-26-2	Acenaphthene-d10	71453	14.562				
1517-22-2	Phenanthrene-d10	166545	17.312				
1719-03-5	Chrysene-d12	167546	21.565				
1520-96-3	Perylene-d12	204324	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-46-6	Ethanol, 2,2-oxybis-	3846200	J			6.865	
000112-60-7	Tetraethylene glycol	296904000	J			11.242	

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG051324

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**WC-HH**								
P2423-08	WC-HH	water	Butylbenzylphthalate		290.000		21	50	ug/L
			Total Svoc :		**290.00**				
			Total Concentration:		**290.00**				
Client ID :	**EQ-TANK-CONTAINMENT-PIT**								
P2440-03	EQ-TANK-CONTAINMI	Water	11H-Benzo[b]fluorene	*	5.800	J			
P2440-03	EQ-TANK-CONTAINMI	Water	2-Methyldibenzothiophene	*	3.900	J			
P2440-03	EQ-TANK-CONTAINMI	Water	9,10-Anthracenedione	*	9.800	J			
P2440-03	EQ-TANK-CONTAINMI	Water	9,10-Dimethylanthracene	*	14.400	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Anthracene, 1-methyl-	*	26.200	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Anthracene, 2-methyl-	*	11.400	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Anthrone	*	5.400	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Benzaldehyde, 4-(phenylethynyl)-	*	14.800	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo[e]pyrene	*	12.400	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Naphthalene, 1-phenyl-	*	6.800	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Naphthalene, 2-phenyl-	*	17.300	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Perylene	*	4.900	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Phenanthrene, 1-methyl-	*	19.800	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Phenanthrene, 3,6-dimethyl-	*	5.900	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Phenanthrene, 4-methyl-	*	15.900	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Pyrene, 1-methyl-	*	5.200	J			
P2440-03	EQ-TANK-CONTAINMI	Water	Pyrene, 2-methyl-	*	3.900	J			
P2440-03	EQ-TANK-CONTAINMI	Water	unknown19.240	*	10.000	J			
			Total Tics :		**323.80**				
P2440-03	EQ-TANK-CONTAINMI	Water	Acenaphthylene		7.600		1.1	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Anthracene		3.300	J	1.1	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo(a)anthracene		11.700		0.95	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo(a)pyrene		14.100		1.7	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo(b)fluoranthene		16.000		1.2	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo(g,h,i)perylene		9.300		1.2	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Benzo(k)fluoranthene		4.700	J	1.2	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Chrysene		23.600		0.87	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Dibenzo(a,h)anthracene		2.000	J	1.2	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Fluoranthene		40.200		1.3	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Fluorene		2.500	J	0.97	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Indeno(1,2,3-cd)pyrene		6.900		1	5.1	ug/L
P2440-03	EQ-TANK-CONTAINMI	Water	Phenanthrene		38.100		0.9	5.1	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG051324

Client:

Sample ID	Client ID	Parameter		Concentration	C	MDL	RDL	Units
P2440-03	EQ-TANK-CONTAINMI Water	Pyrene		61.300		1.1	5.1	ug/L
		Total Svoc :		**241.30**				
		Total Concentration:		**565.10**				
Client ID :	**1011UMR-RB240508-01**							
P2449-05	1011UMR-RB240508-01 Water	1-Pentanol, 2-ethyl-4-methyl-	*	5.600	J			
P2449-05	1011UMR-RB240508-01 Water	1-Pentene, 2-methyl-	*	7.300	J			
P2449-05	1011UMR-RB240508-01 Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.700	J			
P2449-05	1011UMR-RB240508-01 Water	7-Nonenamide	*	2.600	J			
P2449-05	1011UMR-RB240508-01 Water	9-Octadecenamide, (Z)-	*	44.400	J			
P2449-05	1011UMR-RB240508-01 Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
P2449-05	1011UMR-RB240508-01 Water	Pentanoic acid, 2,2,4-trimethyl-3-	*	3.800	J			
P2449-05	1011UMR-RB240508-01 Water	Phenol, 2-methoxy-	*	5.100	J			
P2449-05	1011UMR-RB240508-01 Water	Triacetin	*	4.800	J			
		Total Tics :		**277.30**				
P2449-05	1011UMR-RB240508-01 Water	Diethylphthalate		3.000	J	1	5	ug/L
		Total Svoc :		**3.00**				
		Total Concentration:		**280.30**				
Client ID :	**1011UMR-RB240507-01**							
P2450-01	1011UMR-RB240507-01 Water	(Z)-Docos-9-enenitrile	*	3.000	J			
P2450-01	1011UMR-RB240507-01 Water	1-Pentene, 2-methyl-	*	4.100	J			
P2450-01	1011UMR-RB240507-01 Water	2-Pentanone, 4-hydroxy-4-methyl	*	39.500	A			
P2450-01	1011UMR-RB240507-01 Water	3-Hexen-2-one	*	59.600	J			
P2450-01	1011UMR-RB240507-01 Water	4-Penten-2-one, 4-methyl-	*	9.800	J			
P2450-01	1011UMR-RB240507-01 Water	7a-Methyl-3-methylenehexahydro	*	2.000	J			
P2450-01	1011UMR-RB240507-01 Water	9-Octadecenamide, (Z)-	*	20.100	J			
P2450-01	1011UMR-RB240507-01 Water	Benzothiazole	*	4.100	J			
P2450-01	1011UMR-RB240507-01 Water	Butane, 2-methoxy-2-methyl-	*	160.000	J			
P2450-01	1011UMR-RB240507-01 Water	Carbonic acid, heptyl vinyl ester	*	5.900	J			
P2450-01	1011UMR-RB240507-01 Water	Phenol, 2-methoxy-	*	6.300	J			
P2450-01	1011UMR-RB240507-01 Water	Sulfurous acid, cyclohexylmethyl	*	3.800	J			
P2450-01	1011UMR-RB240507-01 Water	Triacetin	*	4.700	J			
P2450-01	1011UMR-RB240507-01 Water	unknown11.133	*	3.400	J			
P2450-01	1011UMR-RB240507-01 Water	unknown9.247	*	3.900	J			
		Total Tics :		**330.20**				
P2450-01	1011UMR-RB240507-01 Water	Diethylphthalate		3.600	J	1	5	ug/L
		Total Svoc :		**3.60**				
		Total Concentration:		**333.80**				
Client ID :	**SP25-06-20240510-WC**							
P2454-01	SP25-06-20240510-WC Water	(6-Chloro-2-methylhexan-2-yl)be	*	33.000	J			

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BG051324

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P2454-01	SP25-06-20240510-WC	Water	2,4,4,6-Tetramethyl-6-phenyl-1-he	*	56.600	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, (1,1,4,6,6-pentamethylhe	*	150.000	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, (1,1-dimethyldecyl)-	*	55.300	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, (1,1-dimethylnonyl)-	*	91.400	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, (1-ethyldecyl)-	*	28.000	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, 1,1-(1,1,2,2-tetramethyl	*	160.000	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, 1,2,3,4-tetramethyl-	*	440.000	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, 1-(1,5-dimethylhexyl)-4	*	33.100	J			
P2454-01	SP25-06-20240510-WC	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	63.100	J			
P2454-01	SP25-06-20240510-WC	Water	Benzenepropanoic acid, .beta.,.bet	*	67.000	J			
P2454-01	SP25-06-20240510-WC	Water	Butane, 2-methoxy-2-methyl-	*	89.900	J			
P2454-01	SP25-06-20240510-WC	Water	Cumene hydroperoxide, TMS deri	*	68.700	J			
P2454-01	SP25-06-20240510-WC	Water	Diglycolic acid, 2-acetylphenyl bu	*	400.000	J			
P2454-01	SP25-06-20240510-WC	Water	Diglycolic acid, 2-acetylphenyl pe	*	84.600	J			
P2454-01	SP25-06-20240510-WC	Water	Thiocyanic acid, 1,1,3-trimethyl-3	*	84.200	J			
P2454-01	SP25-06-20240510-WC	Water	Tridecane, 2-methyl-2-phenyl-	*	51.800	J			
P2454-01	SP25-06-20240510-WC	Water	unknown14.737	*	180.000	J			
P2454-01	SP25-06-20240510-WC	Water	unknown14.977	*	200.000	J			
P2454-01	SP25-06-20240510-WC	Water	unknown15.536	*	330.000	J			
			Total Tics :		**2,666.70**				
			Total Concentration:		**2,666.70**				
Client ID :	**SCRUBBER-LIQUID**								
P2465-05	SCRUBBER-LIQUID	Solid	Ethanol, 2,2-oxybis-	*	3,846,200.000	J			
P2465-05	SCRUBBER-LIQUID	Solid	Tetraethylene glycol	*	296,904,000.000	J			
			Total Tics :		**300,750,200.00**				
P2465-05	SCRUBBER-LIQUID	Solid	Butylbenzylphthalate		1,324,800.000		558500	980800	ug/Kg
			Total Svoc :		**1,324,800.00**				
			Total Concentration:		**302,075,000.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG043024 SAS No.: BG043024 SDG No.: BG043024

Instrument ID: Calibration Date(s): 4/30/2024

Calibration Time(s): 10:51

LAB FILE ID: RRF2.5 = BG061058.D RRF005 = BG061059.D RRF010 = BG061060.D
RRF020 = BG061061.D RRF040 = BG061062.D RRF050 = BG061063.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		1.074	1.202	1.072	1.152	1.114	1.124	4.0
Pyridine		1.143	1.136	1.111	1.242	1.182	1.170	3.8
2-Fluorophenol		0.992	0.989	0.925	1.023	0.978	0.983	3.0
Benzaldehyde		0.983	0.996	0.908	0.803	0.714	0.820	17.7
Aniline		1.346	1.419	1.530	1.452	1.450	1.442	4.5
Phenol-d6		1.375	1.382	1.540	1.466	1.433	1.455	4.3
Phenol		1.388	1.415	1.569	1.465	1.481	1.479	4.3
bis(2-Chloroethyl)ether		0.972	1.012	1.106	1.007	0.991	1.022	4.2
2-Chlorophenol		1.121	1.211	1.271	1.228	1.178	1.206	3.9
1,2-Dichlorobenzene		1.419	1.393	1.467	1.415	1.386	1.418	1.9
1,3-Dichlorobenzene		1.396	1.425	1.559	1.419	1.379	1.422	4.4
1,4-Dichlorobenzene		1.491	1.467	1.553	1.496	1.411	1.470	3.3
Benzyl Alcohol		1.295	1.158	1.446	1.302	1.282	1.312	6.7
2-Methylphenol		0.958	1.041	1.012	1.095	1.065	1.054	5.2
2,2-oxybis(1-Chloropropane)		2.139	2.208	2.110	2.241	2.221	2.218	3.3
Acetophenone		0.499	0.485	0.525	0.491	0.485	0.498	2.7
3+4-Methylphenols		1.355	1.528	1.476	1.560	1.535	1.521	5.6
n-Nitroso-di-n-propylamine	1.009	1.200	1.057	1.035	1.069	1.104	1.089	5.6
Nitrobenzene-d5		0.410	0.390	0.417	0.388	0.401	0.403	2.9
Hexachloroethane		0.507	0.569	0.469	0.564	0.516	0.525	6.5
Nitrobenzene		0.384	0.377	0.415	0.392	0.392	0.395	3.3
Isophorone		0.791	0.764	0.772	0.705	0.711	0.746	4.3
2-Nitrophenol		0.180	0.189	0.190	0.181	0.184	0.187	2.7
2,4-Dimethylphenol		0.205	0.213	0.226	0.208	0.220	0.216	3.5
bis(2-Chloroethoxy)methane		0.383	0.366	0.381	0.348	0.354	0.366	3.5
2,4-Dichlorophenol		0.333	0.323	0.357	0.328	0.334	0.338	3.6
1,2,4-Trichlorobenzene		0.415	0.390	0.429	0.396	0.396	0.407	3.4
Benzoic acid		0.195	0.224	0.275	0.248	0.263	0.249	11.9
Naphthalene		1.080	1.019	1.090	1.017	0.996	1.039	3.4
4-Chloroaniline		0.400	0.398	0.439	0.404	0.412	0.415	3.7
Hexachlorobutadiene		0.355	0.358	0.360	0.332	0.341	0.349	2.9
Caprolactam		0.134	0.128	0.128	0.112	0.114	0.122	6.8
4-Chloro-3-methylphenol		0.392	0.418	0.426	0.401	0.390	0.407	3.4
2-Methylnaphthalene		0.768	0.797	0.823	0.755	0.749	0.779	3.3
Hexachlorocyclopentadiene		0.203	0.212	0.248	0.285	0.272	0.256	13.8
2,4,6-Trichlorophenol		0.414	0.403	0.431	0.442	0.428	0.429	3.5

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG043024 SAS No.: BG043024 SDG No.: BG043024

Instrument ID: Calibration Date(s): 4/30/2024

Calibration Time(s): 10:51

LAB FILE ID: RRF2.5 = BG061058.D RRF005 = BG061059.D RRF010 = BG061060.D
RRF020 = BG061061.D RRF040 = BG061062.D RRF050 = BG061063.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.340	1.312	1.362	1.384	1.332	1.353	1.9
2,4,5-Trichlorophenol		0.452	0.470	0.505	0.500	0.486	0.485	3.9
1,1-Biphenyl		1.306	1.244	1.285	1.306	1.258	1.282	1.9
2-Chloronaphthalene		1.018	0.983	1.048	1.061	1.017	1.027	2.6
2-Nitroaniline		0.380	0.370	0.374	0.389	0.379	0.381	1.9
Dimethylphthalate		1.647	1.534	1.593	1.552	1.492	1.545	3.8
Acenaphthylene		1.571	1.507	1.619	1.620	1.558	1.577	2.5
2,6-Dinitrotoluene		0.354	0.326	0.323	0.338	0.326	0.330	3.5
3-Nitroaniline		0.317	0.305	0.319	0.299	0.289	0.302	3.9
Acenaphthene		0.984	0.937	1.017	1.009	0.971	0.984	2.7
2,4-Dinitrophenol		0.185	0.180	0.203	0.227	0.234	0.213	11.1
4-Nitrophenol		0.261	0.238	0.239	0.255	0.242	0.244	3.9
Dibenzofuran		1.695	1.651	1.684	1.695	1.640	1.662	1.7
2,4-Dinitrotoluene		0.477	0.491	0.513	0.506	0.487	0.489	3.3
Diethylphthalate		1.711	1.561	1.602	1.575	1.487	1.558	5.3
4-Chlorophenyl-phenylether		0.873	0.881	0.886	0.871	0.844	0.863	2.2
Fluorene		1.449	1.426	1.482	1.485	1.397	1.438	2.4
4-Nitroaniline		0.321	0.327	0.347	0.338	0.325	0.328	3.2
4,6-Dinitro-2-methylphenol		0.113	0.112	0.128	0.124	0.129	0.124	6.8
n-Nitrosodiphenylamine		0.489	0.480	0.517	0.484	0.490	0.496	2.8
Azobenzene		1.260	1.217	1.235	1.235	1.167	1.213	2.7
2,4,6-Tribromophenol		0.409	0.395	0.409	0.409	0.391	0.400	2.2
4-Bromophenyl-phenylether		0.219	0.223	0.243	0.234	0.237	0.236	4.7
Hexachlorobenzene		0.297	0.287	0.296	0.284	0.287	0.293	2.5
Atrazine		0.232	0.209	0.211	0.200	0.197	0.205	7.0
Pentachlorophenol		0.155	0.163	0.185	0.185	0.183	0.180	8.6
Phenanthrene		0.937	0.896	0.932	0.913	0.898	0.914	1.7
Anthracene		0.904	0.890	0.952	0.909	0.891	0.913	2.4
Carbazole		0.855	0.832	0.805	0.801	0.772	0.802	4.0
Di-n-butylphthalate		1.022	0.960	0.965	0.965	0.916	0.954	3.9
Fluoranthene		1.360	1.283	1.278	1.238	1.209	1.253	4.7
Benzidine		0.179	0.208	0.349	0.413	0.386	0.328	28.8
Pyrene		1.267	1.237	1.307	1.264	1.264	1.272	1.8
Terphenyl-d14		1.219	1.172	1.264	1.185	1.181	1.203	2.6
Butylbenzylphthalate		0.405	0.379	0.417	0.404	0.397	0.402	3.0
3,3-Dichlorobenzidine		0.482	0.451	0.486	0.472	0.463	0.471	2.5

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG043024 SAS No.: BG043024 SDG No.: BG043024

Instrument ID: Calibration Date(s): 4/30/2024

Calibration Time(s): 10:51

LAB FILE ID: RRF2.5 = BG061058.D RRF005 = BG061059.D RRF010 = BG061060.D
RRF020 = BG061061.D RRF040 = BG061062.D RRF050 = BG061063.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.383	1.264	1.336	1.282	1.282	1.309	3.1
Chrysene		1.301	1.204	1.233	1.200	1.196	1.226	3.0
Bis(2-ethylhexyl)phthalate		0.524	0.497	0.529	0.521	0.516	0.526	3.4
Di-n-octyl phthalate		0.929	0.858	0.938	0.933	0.922	0.927	3.8
Benzo(b)fluoranthene		1.164	1.062	1.145	1.081	1.092	1.118	3.5
Benzo(k)fluoranthene		1.160	1.053	1.086	1.062	1.036	1.075	3.7
Benzo(a)pyrene		1.043	0.922	0.988	0.951	0.945	0.974	4.0
Indeno(1,2,3-cd)pyrene		1.380	1.256	1.345	1.298	1.297	1.325	3.2
Dibenzo(a,h)anthracene		1.136	1.051	1.120	1.070	1.070	1.098	3.0
Benzo(g,h,i)perylene		1.110	1.057	1.107	1.076	1.066	1.091	2.2
1,2,4,5-Tetrachlorobenzene		0.680	0.612	0.682	0.681	0.656	0.667	4.1
1,4-Dioxane		0.457	0.464	0.337	0.401	0.367	0.398	11.8
2,3,4,6-Tetrachlorophenol		0.499	0.484	0.518	0.516	0.488	0.499	2.6
1-Methylnaphthalene		0.834	0.773	0.824	0.740	0.750	0.784	4.5

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 13:53

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	19701	7.961	90057	10.76	76062	14.59
	UPPER LIMIT	39402	8.461	180114	11.258	152124	15.089
	LOWER LIMIT	9850.5	7.461	45028.5	10.258	38031	14.089
	EPA SAMPLE NO.						
01	PB160833TB	18053	7.93	73133	10.73	62738	14.56
02	WC-HH	21292	7.93	75374	10.72	58601	14.56
03	1011UMR-SS001-1224-01	20541	7.93	72077	10.72	56351	14.56
04	1011UMR-RB240508-01	22886	7.93	75742	10.72	62302	14.56
05	1011UMR-RB240507-01	22158	7.93	74949	10.72	55665	14.55
06	EQ-TANK-CONTAINMENT-PIT	26139	7.93	92269	10.72	75392	14.56
07	SP25-06-20240510-WC	35032	7.93	109538	10.72	78856	14.57
08	SCRUBBER-LIQUID	21975	7.93	84062	10.73	71453	14.56

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

EPA Sample No.: SSTDCCC040 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BG061173.D Time Analyzed: 13:53

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	21920	7.93	89298	10.73	74705	14.56
	UPPER LIMIT	43840	8.43	178596	11.226	149410	15.063
	LOWER LIMIT	10960	7.43	44649	10.226	37352.5	14.063
	EPA SAMPLE NO.						
01	PB160833TB	18053	7.93	73133	10.73	62738	14.56
02	WC-HH	21292	7.93	75374	10.72	58601	14.56
03	1011UMR-SS001-1224-01	20541	7.93	72077	10.72	56351	14.56
04	1011UMR-RB240508-01	22886	7.93	75742	10.72	62302	14.56
05	1011UMR-RB240507-01	22158	7.93	74949	10.72	55665	14.55
06	EQ-TANK-CONTAINMENT-PIT	26139	7.93	92269	10.72	75392	14.56
07	SP25-06-20240510-WC	35032	7.93	109538	10.72	78856	14.57
08	SCRUBBER-LIQUID	21975	7.93	84062	10.73	71453	14.56

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 13:53

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	210074	17.333	211272	21.592	244242		24.73
	UPPER LIMIT	420148	17.833	422544	22.092	488484		25.23
	LOWER LIMIT	105037	16.833	105636	21.092	122121		24.23
	EPA SAMPLE NO.							
01	PB160833TB	174494	17.31	185955	21.57	214033		24.69
02	WC-HH	157626	17.31	188646	21.57	217128		24.69
03	1011UMR-SS001-1224-01	158972	17.31	190442	21.56	216995		24.69
04	1011UMR-RB240508-01	168711	17.30	194826	21.56	223934		24.68
05	1011UMR-RB240507-01	165607	17.30	188719	21.56	100657	*	24.68
06	EQ-TANK-CONTAINMENT-PIT	189362	17.31	195951	21.57	243435		24.69
07	SP25-06-20240510-WC	249225	17.35	204123	21.63	189435		24.76
08	SCRUBBER-LIQUID	166545	17.31	167546	21.57	204324		24.70

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

EPA Sample No.: SSTDCCC040 Date Analyzed: May 13 2024 12:00AM

Lab File ID: BG061173.D Time Analyzed: 13:53

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	179967	17.313	180292	21.572	211801		24.698
	UPPER LIMIT	359934	17.813	360584	22.072	423602		25.198
	LOWER LIMIT	89983.5	16.813	90146	21.072	105900.5		24.198
	EPA SAMPLE NO.							
01	PB160833TB	174494	17.31	185955	21.57	214033		24.69
02	WC-HH	157626	17.31	188646	21.57	217128		24.69
03	1011UMR-SS001-1224-01	158972	17.31	190442	21.56	216995		24.69
04	1011UMR-RB240508-01	168711	17.30	194826	21.56	223934		24.68
05	1011UMR-RB240507-01	165607	17.30	188719	21.56	100657	*	24.68
06	EQ-TANK-CONTAINMENT-PIT	189362	17.31	195951	21.57	243435		24.69
07	SP25-06-20240510-WC	249225	17.35	204123	21.63	189435		24.76
08	SCRUBBER-LIQUID	166545	17.31	167546	21.57	204324		24.70

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.

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160833TB

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

Lab File ID: BG061174.D Lab Sample ID: PB160833TB

Instrument ID: BNA_G Date Extracted: 05/10/2024

Matrix: (soil/water) water Date Analyzed: 05/13/2024

Level: (low/med) LOW Time Analyzed: 13:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160833TB	PB160833TB	BG061174.D	05/13/2024
WC-HH	P2423-08	BG061175.D	05/13/2024
1011UMR-SS001-1224-01	P2430-02	BG061176.D	05/13/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

1011UMR-RB240508-01

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

Lab File ID: BG061177.D Lab Sample ID: P2449-05

Instrument ID: BNA_G Date Extracted: 05/13/2024

Matrix: (soil/water) Water Date Analyzed: 05/13/2024

Level: (low/med) LOW Time Analyzed: 16:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1011UMR-RB240508-01	P2449-05	BG061177.D	05/13/2024
1011UMR-RB240507-01	P2450-01	BG061178.D	05/13/2024
EQ-TANK-CONTAINMENT-PIT	P2440-03	BG061179.D	05/13/2024
SP25-06-20240510-WC	P2454-01	BG061180.D	05/13/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SCRUBBER-LIQUID

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG051324 SAS No.: BG051324 SDG NO.: BG051324

Lab File ID: BG061181.D Lab Sample ID: P2465-05

Instrument ID: BNA_G Date Extracted: 05/13/2024

Matrix: (soil/water) Solid Date Analyzed: 05/13/2024

Level: (low/med) LOW Time Analyzed: 18:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SCRUBBER-LIQUID	P2465-05	BG061181.D	05/13/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BG051324

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2423-08	WC-HH	BG061175.D	2-Fluorophenol	150	131.97	88		10	139
			Phenol-d6	150	89.55	60		10	134
			Nitrobenzene-d5	100	81.92	82		49	133
			2-Fluorobiphenyl	100	80.77	81		52	132
			2,4,6-Tribromophenol	150	138.03	92		32	145
			Terphenyl-d14	100	86.50	87		36	145
P2430-02	1011UMR-SS001-1	BG061176.D	2-Fluorophenol	150	151.61	101		10	139
			Phenol-d6	150	103.93	69		10	134
			Nitrobenzene-d5	100	91.84	92		49	133
			2-Fluorobiphenyl	100	87.31	87		52	132
			2,4,6-Tribromophenol	150	141.38	94		32	145
			Terphenyl-d14	100	87.17	87		36	145
PB160833TB	PB160833TB	BG061174.D	2-Fluorophenol	150	179.76	120		10	139
			Phenol-d6	150	145.52	97		10	134
			Nitrobenzene-d5	100	88.62	89		49	133
			2-Fluorobiphenyl	100	85.72	86		52	132
			2,4,6-Tribromophenol	150	128.19	85		32	145
			Terphenyl-d14	100	87.75	88		36	145

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Surrogate Summary

SW-846

SDG No.: BG051324

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2440-03	EQ-TANK-CONTA	BG061179.D	2-Fluorophenol	150	47.01	31		10	139
			Phenol-d6	150	26.13	17		10	134
			Nitrobenzene-d5	100	76.84	77		49	133
			2-Fluorobiphenyl	100	73.56	74		52	132
			2,4,6-Tribromophenol	150	113.72	76		32	145
			Terphenyl-d14	100	73.87	74		36	145
P2449-05	1011UMR-RB2405	BG061177.D	2-Fluorophenol	150	66.63	44		10	139
			Phenol-d6	150	33.92	23		10	134
			Nitrobenzene-d5	100	103.37	103		49	133
			2-Fluorobiphenyl	100	98.88	99		52	132
			2,4,6-Tribromophenol	150	147.29	98		32	145
			Terphenyl-d14	100	94.04	94		36	145
P2450-01	1011UMR-RB2405	BG061178.D	2-Fluorophenol	150	58.97	39		10	139
			Phenol-d6	150	30.93	21		10	134
			Nitrobenzene-d5	100	102.57	103		49	133
			2-Fluorobiphenyl	100	98.51	99		52	132
			2,4,6-Tribromophenol	150	155.11	103		32	145
			Terphenyl-d14	100	93.47	93		36	145
P2454-01	SP25-06-20240510-	BG061180.D	2-Fluorophenol	150	68.74	46		10	139
			Phenol-d6	150	39.69	26		10	134
			Nitrobenzene-d5	100	92.68	93		49	133
			2-Fluorobiphenyl	100	92.67	93		52	132
			2,4,6-Tribromophenol	150	127.48	85		32	145
			Terphenyl-d14	100	73.62	74		36	145

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Surrogate Summary

SW-846

SDG No.: BG051324

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2465-05	SCRUBBER-LIQU	BG061181.D	2-Fluorophenol	150	177.60	118	*	18	112
			Phenol-d6	150	202.40	135	*	15	107
			Nitrobenzene-d5	100	117.40	117	*	18	107
			2-Fluorobiphenyl	100	109.20	109		20	109
			2,4,6-Tribromophenol	150	149.40	100		10	110
			Terphenyl-d14	100	110.80	111		14	112

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG051324

Lab Code: CHEM SAS No.: BG051324 SDG NO.: BG051324

Lab File ID: BG061172.D DFTPP Injection Date: 05/13/2024

Instrument ID: BNA_G DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	29.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG061173.D	05/13/2024	13:12
PB160833TB	PB160833TB	BG061174.D	05/13/2024	13:53
WC-HH	P2423-08	BG061175.D	05/13/2024	14:43
1011UMR-SS001-1224-01	P2430-02	BG061176.D	05/13/2024	15:24
1011UMR-RB240508-01	P2449-05	BG061177.D	05/13/2024	16:05
1011UMR-RB240507-01	P2450-01	BG061178.D	05/13/2024	16:46
EQ-TANK-CONTAINMENT-PIT	P2440-03	BG061179.D	05/13/2024	17:27
SP25-06-20240510-WC	P2454-01	BG061180.D	05/13/2024	18:08
SCRUBBER-LIQUID	P2465-05	BG061181.D	05/13/2024	18:49