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.: BF080724 SAS No.: BF080724 SDG No.: BF080724

Instrument ID: BNA_F Calibration Date/Time: 8/7/2024 12: 11:00

Lab File ID: BF138834.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.826		0.978	
Pyridine	1.374	1.257		-8.515	
2-Fluorophenol	1.296	1.272		-1.852	
Benzaldehyde	1.043	0.918		-11.985	
Aniline	1.551	1.505		-2.966	
Phenol-d6	1.740	1.684		-3.218	
Phenol	1.832	1.774		-3.113	20.0
bis(2-Chloroethyl)ether	1.409	1.299		-7.807	
2-Chlorophenol	1.363	1.376		0.954	
1,2-Dichlorobenzene	1.439	1.462		1.598	
1,3-Dichlorobenzene	1.526	1.529		0.197	
1,4-Dichlorobenzene	1.540	1.531		-0.584	20.0
Benzyl Alcohol	1.254	1.304		3.987	
2-Methylphenol	1.126	1.110		-1.421	
2,2-oxybis(1-Chloropropane)	2.426	2.094		-13.685	
Acetophenone	0.490	0.511		4.286	
3+4-Methylphenols	1.444	1.468		1.662	
n-Nitroso-di-n-propylamine	1.051	1.049	0.050	-0.19	
Nitrobenzene-d5	0.409	0.418		2.2	
Hexachloroethane	0.580	0.594		2.414	
Nitrobenzene	0.416	0.412		-0.962	
Isophorone	0.699	0.684		-2.146	
2-Nitrophenol	0.179	0.181		1.117	20.0
2,4-Dimethylphenol	0.214	0.215		0.467	
bis(2-Chloroethoxy)methane	0.425	0.411		-3.294	
2,4-Dichlorophenol	0.275	0.284		3.273	20.0
1,2,4-Trichlorobenzene	0.318	0.327		2.83	
Benzoic acid	0.168	0.145		-13.69	
Naphthalene	1.053	1.058		0.475	
4-Chloroaniline	0.353	0.358		1.416	
Hexachlorobutadiene	0.192	0.203		5.729	20.0
Caprolactam	0.082	0.084		2.439	
4-Chloro-3-methylphenol	0.315	0.330		4.762	20.0
2-Methylnaphthalene	0.665	0.683		2.707	
Hexachlorocyclopentadiene	0.120	0.094	0.050	-21.667	
2,4,6-Trichlorophenol	0.339	0.343		1.18	20.0
2-Fluorobiphenyl	1.331	1.404		5.485	
2,4,5-Trichlorophenol	0.370	0.377		1.892	
1,1-Biphenyl	1.566	1.594		1.788	

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.: BF080724 SAS No.: BF080724 SDG No.: BF080724

Instrument ID: BNA_F Calibration Date/Time: 8/7/2024 12: 11:00

Lab File ID: BF138834.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.176		0.944	
2-Nitroaniline	0.395	0.403		2.025	
Dimethylphthalate	1.279	1.328		3.831	
Acenaphthylene	1.652	1.655		0.182	
2,6-Dinitrotoluene	0.289	0.302		4.498	
3-Nitroaniline	0.298	0.305		2.349	
Acenaphthene	1.111	1.115		0.36	20.0
2,4-Dinitrophenol	0.133	0.162	0.050	21.805	
4-Nitrophenol	0.179	0.212	0.050	18.436	
Dibenzofuran	1.568	1.609		2.615	
2,4-Dinitrotoluene	0.368	0.397		7.88	
Diethylphthalate	1.213	1.316		8.491	
4-Chlorophenyl-phenylether	0.614	0.642		4.56	
Fluorene	1.249	1.312		5.044	
4-Nitroaniline	0.284	0.300		5.634	
4,6-Dinitro-2-methylphenol	0.122	0.128		4.918	
n-Nitrosodiphenylamine	0.625	0.632		1.12	20.0
Azobenzene	1.345	1.357		0.892	
2,4,6-Tribromophenol	0.164	0.177		7.927	
4-Bromophenyl-phenylether	0.217	0.221		1.843	
Hexachlorobenzene	0.224	0.234		4.464	
Atrazine	0.161	0.150		-6.832	
Pentachlorophenol	0.101	0.127		25.743	20.0
Phenanthrene	1.030	1.044		1.359	
Anthracene	1.015	1.049		3.35	
Carbazole	0.875	0.887		1.371	
Di-n-butylphthalate	0.984	1.093		11.077	
Fluoranthene	0.961	0.977		1.665	20.0
Benzidine	0.478	0.528		10.46	
Pyrene	1.883	2.155		14.445	
Terphenyl-d14	1.195	1.339		12.05	
Butylbenzylphthalate	0.603	0.617		2.322	
3,3-Dichlorobenzidine	0.352	0.371		5.398	
Benzo(a)anthracene	1.377	1.344		-2.397	
Chrysene	1.243	1.252		0.724	
Bis(2-ethylhexyl)phthalate	0.883	0.798		-9.626	
Di-n-octyl phthalate	1.634	1.478		-9.547	20.0
Benzo(b)fluoranthene	1.240	1.150		-7.258	
Benzo(k)fluoranthene	1.073	1.165		8.574	

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.: BF080724 SAS No.: BF080724 SDG No.: BF080724

Instrument ID: BNA_F Calibration Date/Time: 8/7/2024 12: 11:00

Lab File ID: BF138834.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.056		1.246	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.414		-1.326	
Dibenzo(a,h)anthracene	1.177	1.165		-1.02	
Benzo(g,h,i)perylene	1.221	1.171		-4.095	
1,2,4,5-Tetrachlorobenzene	0.556	0.573		3.058	
1,4-Dioxane	0.567	0.514		-9.347	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.285		0.707	
1-Methylnaphthalene	0.652	0.670		2.761	

All other compounds must meet a minimum RRF of 0.010.

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162455TB			SDG No.:	BF080724
Lab Sample ID:	PB162455TB			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
BF138835.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162473

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

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162455TB			SDG No.:	BF080724
Lab Sample ID:	PB162455TB			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
BF138835.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162473

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

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162455TB			SDG No.:	BF080724
Lab Sample ID:	PB162455TB			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
BF138835.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162473

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	135.929		10-139		91	SPK: -150
13127-88-3	Phenol-d6	135.759		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	88.888		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.664		52-132		90	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162455TB			SDG No.:	BF080724
Lab Sample ID:	PB162455TB			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
BF138835.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.608		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	105.44		36-145		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53450	6.839				
1146-65-2	Naphthalene-d8	221655	8.122				
15067-26-2	Acenaphthene-d10	127584	9.875				
1517-22-2	Phenanthrene-d10	238412	11.363				
1719-03-5	Chrysene-d12	143081	13.998				
1520-96-3	Perylene-d12	95695	15.462				

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BL			SDG No.:	BF080724
Lab Sample ID:	PB162463BL			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
BF138836.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BL			SDG No.:	BF080724
Lab Sample ID:	PB162463BL			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
BF138836.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BL			SDG No.:	BF080724
Lab Sample ID:	PB162463BL			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
BF138836.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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	130.942		10-139		87	SPK: -150
13127-88-3	Phenol-d6	127.961		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.11		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.724		52-132		87	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BL			SDG No.:	BF080724
Lab Sample ID:	PB162463BL			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
BF138836.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.877		32-145		97	SPK: -150
1718-51-0	Terphenyl-d14	103.968		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45858	6.84				
1146-65-2	Naphthalene-d8	189947	8.122				
15067-26-2	Acenaphthene-d10	110215	9.875				
1517-22-2	Phenanthrene-d10	204848	11.363				
1719-03-5	Chrysene-d12	119313	13.998				
1520-96-3	Perylene-d12	83107	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.6	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.6	A			5.087	

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	880	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
BF138837.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.2	U	1.2	9.1	11.4	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.5	5.7	ug/L
100-52-7	Benzaldehyde	4.5	U	4.5	9.1	11.4	ug/L
62-53-3	Aniline	1.8	U	1.8	4.5	5.7	ug/L
108-95-2	Phenol	1.1	U	1.1	4.5	5.7	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.4	U	1.4	4.5	5.7	ug/L
95-57-8	2-Chlorophenol	0.81	U	0.81	4.5	5.7	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	1	4.5	5.7	ug/L
541-73-1	1,3-Dichlorobenzene	0.91	U	0.91	4.5	5.7	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	4.5	5.7	ug/L
100-51-6	Benzyl Alcohol	1.8	U	1.8	9.1	11.4	ug/L
95-48-7	2-Methylphenol	1.3	U	1.3	4.5	5.7	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	4.5	5.7	ug/L
98-86-2	Acetophenone	1.3	U	1.3	4.5	5.7	ug/L
65794-96-9	3+4-Methylphenols	1.3	U	1.3	9.1	11.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.7	U	1.7	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.5	5.7	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.5	5.7	ug/L
78-59-1	Isophorone	1.3	U	1.3	4.5	5.7	ug/L
88-75-5	2-Nitrophenol	2.2	U	2.2	4.5	5.7	ug/L
105-67-9	2,4-Dimethylphenol	1.7	U	1.7	4.5	5.7	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.2	U	1.2	4.5	5.7	ug/L
120-83-2	2,4-Dichlorophenol	1	U	1	4.5	5.7	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	4.5	5.7	ug/L
65-85-0	Benzoic acid	6.2	U	6.2	9.1	11.4	ug/L
91-20-3	Naphthalene	1.2	U	1.2	4.5	5.7	ug/L
106-47-8	4-Chloroaniline	1.5	U	1.5	4.5	5.7	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.5	5.7	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	880	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
BF138837.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.9	U	1.9	9.1	11.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.95	U	0.95	4.5	5.7	ug/L
91-57-6	2-Methylnaphthalene	1.3	U	1.3	4.5	5.7	ug/L
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	9.1	11.4	ug/L
88-06-2	2,4,6-Trichlorophenol	1	U	1	4.5	5.7	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.5	5.7	ug/L
92-52-4	1,1-Biphenyl	1	U	1	4.5	5.7	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	4.5	5.7	ug/L
88-74-4	2-Nitroaniline	1.6	U	1.6	4.5	5.7	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	4.5	5.7	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	4.5	5.7	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	4.5	5.7	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	4.5	5.7	ug/L
83-32-9	Acenaphthene	0.92	U	0.92	4.5	5.7	ug/L
Total PAH	Total PAH	19.8	U	19.8	4.5	91.2	ug/L
51-28-5	2,4-Dinitrophenol	7.3	U	7.3	9.1	11.4	ug/L
100-02-7	4-Nitrophenol	2.3	U	2.3	9.1	11.4	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	4.5	5.7	ug/L
121-14-2	2,4-Dinitrotoluene	1.7	U	1.7	4.5	5.7	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	3.1	U	3.1	4.5	11.4	ug/L
84-66-2	Diethylphthalate	1.2	U	1.2	4.5	5.7	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	4.5	5.7	ug/L
86-73-7	Fluorene	1.1	U	1.1	4.5	5.7	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4.5	5.7	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	U	3.5	9.1	11.4	ug/L
86-30-6	n-Nitrosodiphenylamine	1	U	1	4.5	5.7	ug/L
103-33-3	Azobenzene	1.4	U	1.4	4.5	5.7	ug/L
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	5.7	ug/L
118-74-1	Hexachlorobenzene	1.3	U	1.3	4.5	5.7	ug/L
1912-24-9	Atrazine	1.4	U	1.4	4.5	5.7	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	880	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
BF138837.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.1	U	2.1	9.1	11.4	ug/L
85-01-8	Phenanthrene	1	U	1	4.5	5.7	ug/L
120-12-7	Anthracene	1.2	U	1.2	4.5	5.7	ug/L
86-74-8	Carbazole	1.3	U	1.3	4.5	5.7	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	4.5	5.7	ug/L
206-44-0	Fluoranthene	1.5	U	1.5	4.5	5.7	ug/L
92-87-5	Benzidine	4.6	U	4.6	9.1	11.4	ug/L
129-00-0	Pyrene	1.2	U	1.2	4.5	5.7	ug/L
85-68-7	Butylbenzylphthalate	2.4	U	2.4	4.5	5.7	ug/L
91-94-1	3,3-Dichlorobenzidine	1.5	U	1.5	9.1	11.4	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	4.5	5.7	ug/L
218-01-9	Chrysene	0.98	U	0.98	4.5	5.7	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	4.5	5.7	ug/L
117-84-0	Di-n-octyl phthalate	2.8	U	2.8	9.1	11.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.3	U	1.3	4.5	5.7	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	4.5	5.7	ug/L
50-32-8	Benzo(a)pyrene	1.9	U	1.9	4.5	5.7	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	U	1.2	4.5	5.7	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	4.5	5.7	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.5	5.7	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.5	5.7	ug/L
123-91-1	1,4-Dioxane	1.4	U	1.4	4.5	5.7	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.9	U	0.9	4.5	5.7	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	4.5	5.7	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.622		10-139		42	SPK: -150
13127-88-3	Phenol-d6	38.194		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	94.791		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	98.275		52-132		98	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	880	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
BF138837.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.694		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	113.805		36-145		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45232	6.84				
1146-65-2	Naphthalene-d8	183620	8.116				
15067-26-2	Acenaphthene-d10	98316	9.869				
1517-22-2	Phenanthrene-d10	162437	11.357				
1719-03-5	Chrysene-d12	84407	13.992				
1520-96-3	Perylene-d12	89901	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.1	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.1	J			8.439	
000134-62-3	Diethyltoluamide	4	J			10.251	
000057-10-3	n-Hexadecanoic acid	12.4	J			11.88	
000057-11-4	Octadecanoic acid	3.7	J			12.663	
000123-79-5	Hexanedioic acid, dioctyl ester	4.9	J			13.469	
007206-21-5	5-Octadecene, (E)-	3.4	J			13.857	

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BF080724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138838.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	25.7		1.1	8.8	11	ug/L
110-86-1	Pyridine	19.5		1.7	4.4	5.5	ug/L
100-52-7	Benzaldehyde	4.4	U	4.4	8.8	11	ug/L
62-53-3	Aniline	34.7		1.8	4.4	5.5	ug/L
108-95-2	Phenol	17.9		1	4.4	5.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.3		1.3	4.4	5.5	ug/L
95-57-8	2-Chlorophenol	46		0.78	4.4	5.5	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.97	4.4	5.5	ug/L
541-73-1	1,3-Dichlorobenzene	43.4		0.88	4.4	5.5	ug/L
106-46-7	1,4-Dichlorobenzene	44.3		0.92	4.4	5.5	ug/L
100-51-6	Benzyl Alcohol	40.2		1.8	8.8	11	ug/L
95-48-7	2-Methylphenol	38.2		1.2	4.4	5.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.4		1.5	4.4	5.5	ug/L
98-86-2	Acetophenone	52.5		1.2	4.4	5.5	ug/L
65794-96-9	3+4-Methylphenols	34.9		1.3	8.8	11	ug/L
621-64-7	n-Nitroso-di-n-propylamine	56.6		1.6	2.7	2.7	ug/L
67-72-1	Hexachloroethane	42.2		1.1	4.4	5.5	ug/L
98-95-3	Nitrobenzene	52.4		1.4	4.4	5.5	ug/L
78-59-1	Isophorone	55.8		1.3	4.4	5.5	ug/L
88-75-5	2-Nitrophenol	55.5		2.2	4.4	5.5	ug/L
105-67-9	2,4-Dimethylphenol	54.2		1.7	4.4	5.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	53.7		1.1	4.4	5.5	ug/L
120-83-2	2,4-Dichlorophenol	54.4		0.97	4.4	5.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.2		1.2	4.4	5.5	ug/L
65-85-0	Benzoic acid	12.1		6	8.8	11	ug/L
91-20-3	Naphthalene	50.6		1.1	4.4	5.5	ug/L
106-47-8	4-Chloroaniline	35.5		1.4	4.4	5.5	ug/L
87-68-3	Hexachlorobutadiene	47.1		1.4	4.4	5.5	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BF080724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138838.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	10.3	J	1.8	8.8	11	ug/L
59-50-7	4-Chloro-3-methylphenol	49.9		0.92	4.4	5.5	ug/L
91-57-6	2-Methylnaphthalene	54		1.2	4.4	5.5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5.5	8.8	11	ug/L
88-06-2	2,4,6-Trichlorophenol	54.5		0.98	4.4	5.5	ug/L
95-95-4	2,4,5-Trichlorophenol	53.4		1.1	4.4	5.5	ug/L
92-52-4	1,1-Biphenyl	51.4		1	4.4	5.5	ug/L
91-58-7	2-Chloronaphthalene	54.3		1.1	4.4	5.5	ug/L
88-74-4	2-Nitroaniline	56.5		1.5	4.4	5.5	ug/L
131-11-3	Dimethylphthalate	59		1	4.4	5.5	ug/L
208-96-8	Acenaphthylene	59.3		1.1	4.4	5.5	ug/L
606-20-2	2,6-Dinitrotoluene	56.4		1.4	4.4	5.5	ug/L
99-09-2	3-Nitroaniline	34.7		1.5	4.4	5.5	ug/L
83-32-9	Acenaphthene	54.3		0.89	4.4	5.5	ug/L
Total PAH	Total PAH	892.2		19.02	4.4	88	ug/L
51-28-5	2,4-Dinitrophenol	98.8	E	7.1	8.8	11	ug/L
100-02-7	4-Nitrophenol	24.1		2.2	8.8	11	ug/L
132-64-9	Dibenzofuran	58		1	4.4	5.5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	13.4		3.1	4.4	11	ug/L
121-14-2	2,4-Dinitrotoluene	57		1.7	4.4	5.5	ug/L
84-66-2	Diethylphthalate	60.7		1.1	4.4	5.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	58.1		1.1	4.4	5.5	ug/L
86-73-7	Fluorene	57		1.1	4.4	5.5	ug/L
100-01-6	4-Nitroaniline	48.4		2.2	4.4	5.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	59.3		3.4	8.8	11	ug/L
86-30-6	n-Nitrosodiphenylamine	61.1		0.98	4.4	5.5	ug/L
103-33-3	Azobenzene	55.4		1.3	4.4	5.5	ug/L
101-55-3	4-Bromophenyl-phenylether	59.3		1	4.4	5.5	ug/L
118-74-1	Hexachlorobenzene	61.3		1.3	4.4	5.5	ug/L
1912-24-9	Atrazine	64.8		1.4	4.4	5.5	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BF080724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138838.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.6		2	8.8	11	ug/L
85-01-8	Phenanthrene	59.9		0.98	4.4	5.5	ug/L
120-12-7	Anthracene	61.9		1.2	4.4	5.5	ug/L
86-74-8	Carbazole	55.7		1.3	4.4	5.5	ug/L
84-74-2	Di-n-butylphthalate	65.5		1.6	4.4	5.5	ug/L
206-44-0	Fluoranthene	55.1		1.4	4.4	5.5	ug/L
92-87-5	Benzidine	11		4.5	8.8	11	ug/L
129-00-0	Pyrene	51.8		1.2	4.4	5.5	ug/L
85-68-7	Butylbenzylphthalate	62.9		2.3	4.4	5.5	ug/L
91-94-1	3,3-Dichlorobenzidine	47.7		1.4	8.8	11	ug/L
56-55-3	Benzo(a)anthracene	59.8		1	4.4	5.5	ug/L
218-01-9	Chrysene	57.5		0.95	4.4	5.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.4		2.1	4.4	5.5	ug/L
117-84-0	Di-n-octyl phthalate	55		2.7	8.8	11	ug/L
205-99-2	Benzo(b)fluoranthene	59.9		1.3	4.4	5.5	ug/L
207-08-9	Benzo(k)fluoranthene	56		1.3	4.4	5.5	ug/L
50-32-8	Benzo(a)pyrene	61.4		1.8	4.4	5.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.1		1.1	4.4	5.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.9		1.3	4.4	5.5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.7		1.3	4.4	5.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.6		1.2	4.4	5.5	ug/L
123-91-1	1,4-Dioxane	19		1.4	4.4	5.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.4		0.87	4.4	5.5	ug/L
90-12-0	1-Methylnaphthalene	51.4		0.95	4.4	5.5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.981		10-139		43	SPK: -150
13127-88-3	Phenol-d6	40.262		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	95.307		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	96.516		52-132		97	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BF080724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138838.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.891		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	106.558		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44396	6.839				
1146-65-2	Naphthalene-d8	176593	8.122				
15067-26-2	Acenaphthene-d10	94605	9.875				
1517-22-2	Phenanthrene-d10	144429	11.363				
1719-03-5	Chrysene-d12	77825	13.998				
1520-96-3	Perylene-d12	88601	15.457				

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BF080724
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138839.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	26.6		1.1	8.8	11	ug/L
110-86-1	Pyridine	19.6		1.7	4.4	5.5	ug/L
100-52-7	Benzaldehyde	4.4	U	4.4	8.8	11	ug/L
62-53-3	Aniline	36		1.8	4.4	5.5	ug/L
108-95-2	Phenol	18.4		1	4.4	5.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	51		1.3	4.4	5.5	ug/L
95-57-8	2-Chlorophenol	46.6		0.78	4.4	5.5	ug/L
95-50-1	1,2-Dichlorobenzene	44.6		0.97	4.4	5.5	ug/L
541-73-1	1,3-Dichlorobenzene	44		0.88	4.4	5.5	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.92	4.4	5.5	ug/L
100-51-6	Benzyl Alcohol	40.3		1.8	8.8	11	ug/L
95-48-7	2-Methylphenol	38.2		1.2	4.4	5.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.4		1.5	4.4	5.5	ug/L
98-86-2	Acetophenone	54.9		1.2	4.4	5.5	ug/L
65794-96-9	3+4-Methylphenols	35.2		1.3	8.8	11	ug/L
621-64-7	n-Nitroso-di-n-propylamine	57.1		1.6	2.7	2.7	ug/L
67-72-1	Hexachloroethane	42		1.1	4.4	5.5	ug/L
98-95-3	Nitrobenzene	53.8		1.4	4.4	5.5	ug/L
78-59-1	Isophorone	57.4		1.3	4.4	5.5	ug/L
88-75-5	2-Nitrophenol	56.8		2.2	4.4	5.5	ug/L
105-67-9	2,4-Dimethylphenol	55.4		1.7	4.4	5.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55.5		1.1	4.4	5.5	ug/L
120-83-2	2,4-Dichlorophenol	55.5		0.97	4.4	5.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.8		1.2	4.4	5.5	ug/L
65-85-0	Benzoic acid	11.8		6	8.8	11	ug/L
91-20-3	Naphthalene	52.9		1.1	4.4	5.5	ug/L
106-47-8	4-Chloroaniline	36.2		1.4	4.4	5.5	ug/L
87-68-3	Hexachlorobutadiene	48.7		1.4	4.4	5.5	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BF080724
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138839.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	10.2	J	1.8	8.8	11	ug/L
59-50-7	4-Chloro-3-methylphenol	52		0.92	4.4	5.5	ug/L
91-57-6	2-Methylnaphthalene	56		1.2	4.4	5.5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5.5	8.8	11	ug/L
88-06-2	2,4,6-Trichlorophenol	60.6		0.98	4.4	5.5	ug/L
95-95-4	2,4,5-Trichlorophenol	58		1.1	4.4	5.5	ug/L
92-52-4	1,1-Biphenyl	56.3		1	4.4	5.5	ug/L
91-58-7	2-Chloronaphthalene	59		1.1	4.4	5.5	ug/L
88-74-4	2-Nitroaniline	61.5		1.5	4.4	5.5	ug/L
131-11-3	Dimethylphthalate	64.8		1	4.4	5.5	ug/L
208-96-8	Acenaphthylene	66.1		1.1	4.4	5.5	ug/L
606-20-2	2,6-Dinitrotoluene	61.7		1.4	4.4	5.5	ug/L
99-09-2	3-Nitroaniline	37.7		1.5	4.4	5.5	ug/L
83-32-9	Acenaphthene	59.8		0.89	4.4	5.5	ug/L
Total PAH	Total PAH	942.7		19.02	4.4	88	ug/L
51-28-5	2,4-Dinitrophenol	110	E	7.1	8.8	11	ug/L
100-02-7	4-Nitrophenol	26.3		2.2	8.8	11	ug/L
132-64-9	Dibenzofuran	63.1		1	4.4	5.5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	25.8		3.1	4.4	11	ug/L
121-14-2	2,4-Dinitrotoluene	64.1		1.7	4.4	5.5	ug/L
84-66-2	Diethylphthalate	66.1		1.1	4.4	5.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	62.9		1.1	4.4	5.5	ug/L
86-73-7	Fluorene	62.4		1.1	4.4	5.5	ug/L
100-01-6	4-Nitroaniline	52.6		2.2	4.4	5.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.3		3.4	8.8	11	ug/L
86-30-6	n-Nitrosodiphenylamine	64.5		0.98	4.4	5.5	ug/L
103-33-3	Azobenzene	61.1		1.3	4.4	5.5	ug/L
101-55-3	4-Bromophenyl-phenylether	61.6		1	4.4	5.5	ug/L
118-74-1	Hexachlorobenzene	61.8		1.3	4.4	5.5	ug/L
1912-24-9	Atrazine	69.7		1.4	4.4	5.5	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BF080724
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138839.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.8	E	2	8.8	11	ug/L
85-01-8	Phenanthrene	62.7		0.98	4.4	5.5	ug/L
120-12-7	Anthracene	64.7		1.2	4.4	5.5	ug/L
86-74-8	Carbazole	58.9		1.3	4.4	5.5	ug/L
84-74-2	Di-n-butylphthalate	67.9		1.6	4.4	5.5	ug/L
206-44-0	Fluoranthene	57.2		1.4	4.4	5.5	ug/L
92-87-5	Benzidine	15		4.5	8.8	11	ug/L
129-00-0	Pyrene	54.5		1.2	4.4	5.5	ug/L
85-68-7	Butylbenzylphthalate	66.2		2.3	4.4	5.5	ug/L
91-94-1	3,3-Dichlorobenzidine	50.4		1.4	8.8	11	ug/L
56-55-3	Benzo(a)anthracene	60.1		1	4.4	5.5	ug/L
218-01-9	Chrysene	61.1		0.95	4.4	5.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.7		2.1	4.4	5.5	ug/L
117-84-0	Di-n-octyl phthalate	57.2		2.7	8.8	11	ug/L
205-99-2	Benzo(b)fluoranthene	56.7		1.3	4.4	5.5	ug/L
207-08-9	Benzo(k)fluoranthene	66.6		1.3	4.4	5.5	ug/L
50-32-8	Benzo(a)pyrene	64.5		1.8	4.4	5.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.1		1.1	4.4	5.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.7		1.3	4.4	5.5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.6		1.3	4.4	5.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	56.6		1.2	4.4	5.5	ug/L
123-91-1	1,4-Dioxane	20		1.4	4.4	5.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	59.6		0.87	4.4	5.5	ug/L
90-12-0	1-Methylnaphthalene	53		0.95	4.4	5.5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	66.697		10-139		44	SPK: -150
13127-88-3	Phenol-d6	40.24		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	98.426		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	105.883		52-132		106	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BF080724
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	910	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
BF138839.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.966		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	112.752		36-145		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41583	6.839				
1146-65-2	Naphthalene-d8	164057	8.122				
15067-26-2	Acenaphthene-d10	83168	9.875				
1517-22-2	Phenanthrene-d10	133927	11.363				
1719-03-5	Chrysene-d12	71097	14.004				
1520-96-3	Perylene-d12	81109	15.462				

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	890	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
BF138840.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.2	U	1.2	9	11.2	ug/L
110-86-1	Pyridine	1.7	U	1.7	4.5	5.6	ug/L
100-52-7	Benzaldehyde	4.5	U	4.5	9	11.2	ug/L
62-53-3	Aniline	1.8	U	1.8	4.5	5.6	ug/L
108-95-2	Phenol	1	U	1	4.5	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.5	5.6	ug/L
95-57-8	2-Chlorophenol	0.8	U	0.8	4.5	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	0.99	U	0.99	4.5	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	0.9	U	0.9	4.5	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	4.5	5.6	ug/L
100-51-6	Benzyl Alcohol	1.8	U	1.8	9	11.2	ug/L
95-48-7	2-Methylphenol	1.3	U	1.3	4.5	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	4.5	5.6	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.5	5.6	ug/L
65794-96-9	3+4-Methylphenols	1.3	U	1.3	9	11.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.7	U	1.7	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.5	5.6	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.5	5.6	ug/L
78-59-1	Isophorone	1.3	U	1.3	4.5	5.6	ug/L
88-75-5	2-Nitrophenol	2.2	U	2.2	4.5	5.6	ug/L
105-67-9	2,4-Dimethylphenol	1.7	U	1.7	4.5	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.5	5.6	ug/L
120-83-2	2,4-Dichlorophenol	0.99	U	0.99	4.5	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.5	5.6	ug/L
65-85-0	Benzoic acid	6.1	U	6.1	9	11.2	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.5	5.6	ug/L
106-47-8	4-Chloroaniline	1.5	U	1.5	4.5	5.6	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.5	5.6	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	890	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
BF138840.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.9	U	1.9	9	11.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.94	U	0.94	4.5	5.6	ug/L
91-57-6	2-Methylnaphthalene	1.3	U	1.3	4.5	5.6	ug/L
77-47-4	Hexachlorocyclopentadiene	5.6	U	5.6	9	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1	U	1	4.5	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.5	5.6	ug/L
92-52-4	1,1-Biphenyl	1	U	1	4.5	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	4.5	5.6	ug/L
88-74-4	2-Nitroaniline	1.6	U	1.6	4.5	5.6	ug/L
131-11-3	Dimethylphthalate	1	U	1	4.5	5.6	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	4.5	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	4.5	5.6	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	4.5	5.6	ug/L
83-32-9	Acenaphthene	0.91	U	0.91	4.5	5.6	ug/L
Total PAH	Total PAH	19.38	U	19.38	4.5	89.6	ug/L
51-28-5	2,4-Dinitrophenol	7.2	U	7.2	9	11.2	ug/L
100-02-7	4-Nitrophenol	2.2	U	2.2	9	11.2	ug/L
132-64-9	Dibenzofuran	1	U	1	4.5	5.6	ug/L
121-14-2	2,4-Dinitrotoluene	1.7	U	1.7	4.5	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	3.1	U	3.1	4.5	11.2	ug/L
84-66-2	Diethylphthalate	1.2	U	1.2	4.5	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	4.5	5.6	ug/L
86-73-7	Fluorene	1.1	U	1.1	4.5	5.6	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4.5	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.4	U	3.4	9	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	1	U	1	4.5	5.6	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.5	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	5.6	ug/L
118-74-1	Hexachlorobenzene	1.3	U	1.3	4.5	5.6	ug/L
1912-24-9	Atrazine	1.4	U	1.4	4.5	5.6	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	890	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
BF138840.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.1	U	2.1	9	11.2	ug/L
85-01-8	Phenanthrene	1	U	1	4.5	5.6	ug/L
120-12-7	Anthracene	1.2	U	1.2	4.5	5.6	ug/L
86-74-8	Carbazole	1.3	U	1.3	4.5	5.6	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	4.5	5.6	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.5	5.6	ug/L
92-87-5	Benzidine	4.6	U	4.6	9	11.2	ug/L
129-00-0	Pyrene	1.2	U	1.2	4.5	5.6	ug/L
85-68-7	Butylbenzylphthalate	2.4	U	2.4	4.5	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	9	11.2	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	4.5	5.6	ug/L
218-01-9	Chrysene	0.97	U	0.97	4.5	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	4.5	5.6	ug/L
117-84-0	Di-n-octyl phthalate	2.8	U	2.8	9	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.3	U	1.3	4.5	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.5	5.6	ug/L
50-32-8	Benzo(a)pyrene	1.9	U	1.9	4.5	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.5	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	4.5	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.5	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.5	5.6	ug/L
123-91-1	1,4-Dioxane	1.4	U	1.4	4.5	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.89	U	0.89	4.5	5.6	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	4.5	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.915		10-139		39	SPK: -150
13127-88-3	Phenol-d6	34.472		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	92.373		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	96.786		52-132		97	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	890	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
BF138840.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.428		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	108.393		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41750	6.84				
1146-65-2	Naphthalene-d8	169871	8.116				
15067-26-2	Acenaphthene-d10	89884	9.869				
1517-22-2	Phenanthrene-d10	145951	11.357				
1719-03-5	Chrysene-d12	76059	13.998				
1520-96-3	Perylene-d12	79882	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.6	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.6	J			8.434	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	3.8	J			13.469	
006971-40-0	17-Pentatriacontene	3.6	J			13.851	

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138841.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	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	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138841.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.9	U	2.9	4.2	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138841.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.154		10-139		37	SPK: -150
13127-88-3	Phenol-d6	32.083		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	90.59		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	95.466		52-132		95	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138841.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.244		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	107.658		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40297	6.839				
1146-65-2	Naphthalene-d8	165568	8.122				
15067-26-2	Acenaphthene-d10	90118	9.869				
1517-22-2	Phenanthrene-d10	145219	11.357				
1719-03-5	Chrysene-d12	73846	13.998				
1520-96-3	Perylene-d12	77595	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.14	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			5.057	
000108-94-1	Cyclohexanone	2.5	J			5.716	
000770-35-4	1-Phenoxypropan-2-ol	3.8	J			8.433	
000057-10-3	n-Hexadecanoic acid	2.5	J			11.88	
004337-65-9	Hexanedioic acid, mono(2-ethylhexy	3.5	J			13.469	
015594-90-8	1-Heneicosanol	4.6	J			13.845	
	unknown16.339	2.8	J			16.339	

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138842.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	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	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138842.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138842.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.967		10-139		34	SPK: -150
13127-88-3	Phenol-d6	31.058		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	80.693		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	85.339		52-132		85	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138842.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.515		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	98.295		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43446	6.839				
1146-65-2	Naphthalene-d8	178375	8.122				
15067-26-2	Acenaphthene-d10	96795	9.869				
1517-22-2	Phenanthrene-d10	156972	11.357				
1719-03-5	Chrysene-d12	79013	13.998				
1520-96-3	Perylene-d12	85609	15.457				

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	422-K1-WPO-0.25-080124	SDG No.:	BF080724
Lab Sample ID:	P3450-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 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
BF138843.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	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	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	422-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138843.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	422-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138843.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.396		10-139		36	SPK: -150
13127-88-3	Phenol-d6	32.599		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	85.29		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	88.196		52-132		88	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	422-K1-WPO-0.25-080124			SDG No.:	BF080724
Lab Sample ID:	P3450-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138843.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.723		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	107.716		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44348	6.84				
1146-65-2	Naphthalene-d8	180371	8.122				
15067-26-2	Acenaphthene-d10	99826	9.869				
1517-22-2	Phenanthrene-d10	162540	11.357				
1719-03-5	Chrysene-d12	80318	13.998				
1520-96-3	Perylene-d12	85714	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.5	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.6	J			8.434	
000123-79-5	Hexanedioic acid, dioctyl ester	3.3	J			13.469	
000506-51-4	n-Tetracosanol-1	4	J			13.845	

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3451-01			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
BF138844.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3451-01			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
BF138844.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	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

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3451-01			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
BF138844.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

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	49.16		10-139		33	SPK: -150
13127-88-3	Phenol-d6	29.562		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	78.606		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	87.446		52-132		87	SPK: -100

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BF080724
Lab Sample ID:	P3451-01			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
BF138844.D	1	8/2/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.475		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	95.332		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44294	6.839				
1146-65-2	Naphthalene-d8	184121	8.122				
15067-26-2	Acenaphthene-d10	95656	9.869				
1517-22-2	Phenanthrene-d10	153464	11.357				
1719-03-5	Chrysene-d12	77095	13.998				
1520-96-3	Perylene-d12	83649	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.8	A			5.057	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	2.5	J			6.669	
000770-35-4	1-Phenoxypropan-2-ol	7.2	J			8.434	
000112-37-8	Undecanoic acid	2.8	J			11.88	
1000324-44-5	Adipic acid, isobutyl 2-octyl este	3.3	J			13.469	
015594-90-8	1-Heneicosanol	5.9	J			13.845	
	unknown16.327	7.6	J			16.327	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	950	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
BF138845.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.4	10.5	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.3	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.4	10.5	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.3	ug/L
108-95-2	Phenol	0.98	U	0.98	4.2	5.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.2	5.3	ug/L
95-57-8	2-Chlorophenol	0.75	U	0.75	4.2	5.3	ug/L
95-50-1	1,2-Dichlorobenzene	0.93	U	0.93	4.2	5.3	ug/L
541-73-1	1,3-Dichlorobenzene	0.84	U	0.84	4.2	5.3	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.3	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.4	10.5	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.3	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.2	5.3	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.4	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.6	U	1.6	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.3	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.3	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.3	ug/L
88-75-5	2-Nitrophenol	2.1	U	2.1	4.2	5.3	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.3	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	4.2	5.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.2	5.3	ug/L
65-85-0	Benzoic acid	5.8	U	5.8	8.4	10.5	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.3	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.3	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.3	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	950	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
BF138845.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.4	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.3	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.3	ug/L
77-47-4	Hexachlorocyclopentadiene	5.3	U	5.3	8.4	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.94	U	0.94	4.2	5.3	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.3	ug/L
92-52-4	1,1-Biphenyl	0.96	U	0.96	4.2	5.3	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.3	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.3	ug/L
131-11-3	Dimethylphthalate	0.98	U	0.98	4.2	5.3	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.3	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.3	ug/L
83-32-9	Acenaphthene	0.85	U	0.85	4.2	5.3	ug/L
Total PAH	Total PAH	18.29	U	18.29	4.2	84.8	ug/L
51-28-5	2,4-Dinitrophenol	6.8	U	6.8	8.4	10.5	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.4	10.5	ug/L
132-64-9	Dibenzofuran	0.98	U	0.98	4.2	5.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.2	10.6	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.3	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.3	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.4	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.94	U	0.94	4.2	5.3	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1	U	1	4.2	5.3	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.3	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.3	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	950	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
BF138845.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.4	10.5	ug/L
85-01-8	Phenanthrene	0.94	U	0.94	4.2	5.3	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.3	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.3	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.3	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.2	5.3	ug/L
92-87-5	Benzidine	4.3	U	4.3	8.4	10.5	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.3	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.3	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.4	10.5	ug/L
56-55-3	Benzo(a)anthracene	0.99	U	0.99	4.2	5.3	ug/L
218-01-9	Chrysene	0.91	U	0.91	4.2	5.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.3	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.4	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.3	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.2	5.3	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	4.2	5.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.3	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.3	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.83	U	0.83	4.2	5.3	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	4.2	5.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.65		10-139		38	SPK: -150
13127-88-3	Phenol-d6	35.787		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	94.747		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	98.908		52-132		99	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	950	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
BF138845.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.007		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	118.514		36-145		119	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42119	6.84				
1146-65-2	Naphthalene-d8	170418	8.116				
15067-26-2	Acenaphthene-d10	92774	9.869				
1517-22-2	Phenanthrene-d10	151758	11.357				
1719-03-5	Chrysene-d12	74743	13.998				
1520-96-3	Perylene-d12	81654	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.3	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	3.2	J			8.434	
000123-79-5	Hexanedioic acid, dioctyl ester	3.5	J			13.469	
015594-90-8	1-Heneicosanol	4.6	J			13.845	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BF138846.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BF138846.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BF138846.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	17.8585		10-139		12	SPK: -150
13127-88-3	Phenol-d6	12.654	*	10-134		8	SPK: -150
4165-60-0	Nitrobenzene-d5	19.7225	*	49-133		20	SPK: -100
321-60-8	2-Fluorobiphenyl	20.4935	*	52-132		20	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BF138846.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	30.463	*	32-145		20	SPK: -150
1718-51-0	Terphenyl-d14	24.5975	*	36-145		25	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84689	6.84				
1146-65-2	Naphthalene-d8	334542	8.122				
15067-26-2	Acenaphthene-d10	183422	9.875				
1517-22-2	Phenanthrene-d10	293908	11.357				
1719-03-5	Chrysene-d12	143828	13.998				
1520-96-3	Perylene-d12	158634	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.146	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-01			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
BF138847.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-01			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
BF138847.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-01			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
BF138847.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	65.47		10-139		44	SPK: -150
13127-88-3	Phenol-d6	39.245		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	93.208		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	96.165		52-132		96	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-01			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
BF138847.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.064		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	108.36		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42757	6.84				
1146-65-2	Naphthalene-d8	180039	8.122				
15067-26-2	Acenaphthene-d10	99192	9.869				
1517-22-2	Phenanthrene-d10	163767	11.357				
1719-03-5	Chrysene-d12	80836	13.998				
1520-96-3	Perylene-d12	84652	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.6	A			5.063	
074339-54-1	Trichloroacetic acid, hexadecyl es	3.9	J			13.839	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-02			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
BF138848.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-02			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
BF138848.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	1.1	U	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	17.61	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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	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
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	0.97	U	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-02			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
BF138848.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	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	1.3	U	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	1.1	U	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	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	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	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	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	58.891		10-139		39	SPK: -150
13127-88-3	Phenol-d6	36.016		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	89.107		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.982		52-132		91	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-02			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
BF138848.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.519		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	91.667		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45617	6.84				
1146-65-2	Naphthalene-d8	185150	8.122				
15067-26-2	Acenaphthene-d10	102137	9.869				
1517-22-2	Phenanthrene-d10	162112	11.357				
1719-03-5	Chrysene-d12	78712	13.998				
1520-96-3	Perylene-d12	84478	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.152	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	3.1	J			2.946	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	2.5	J			8.434	
002004-39-9	1-Heptacosanol	4.1	J			13.845	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138849.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	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	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138849.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	2.9	U	2.9	4.2	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138849.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.46		10-139		43	SPK: -150
13127-88-3	Phenol-d6	38.147		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	99.714		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	104.701		52-132		105	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BF080724
Lab Sample ID:	P3429-03			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	960	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
BF138849.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.93		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	110.942		36-145		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41178	6.84				
1146-65-2	Naphthalene-d8	167219	8.122				
15067-26-2	Acenaphthene-d10	91023	9.869				
1517-22-2	Phenanthrene-d10	146465	11.357				
1719-03-5	Chrysene-d12	69873	13.992				
1520-96-3	Perylene-d12	75535	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.1	A			5.063	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-01			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
BF138850.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-01			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
BF138850.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	1.1	U	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	17.61	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	0.97	U	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-01			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
BF138850.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	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	1.3	U	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	1.1	U	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	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	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	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	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	69.19		10-139		46	SPK: -150
13127-88-3	Phenol-d6	43.559		10-134		29	SPK: -150
4165-60-0	Nitrobenzene-d5	100.475		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	104.559		52-132		105	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-01			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
BF138850.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.633		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	112.114		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40912	6.84				
1146-65-2	Naphthalene-d8	166378	8.116				
15067-26-2	Acenaphthene-d10	89788	9.869				
1517-22-2	Phenanthrene-d10	145303	11.357				
1719-03-5	Chrysene-d12	70698	13.998				
1520-96-3	Perylene-d12	76602	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	220	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	A			5.063	

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124-FD	SDG No.:	BF080724
Lab Sample ID:	P3430-02	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
BF138851.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3430-02			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
BF138851.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3430-02			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
BF138851.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	71.309		10-139		48	SPK: -150
13127-88-3	Phenol-d6	45.955		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	92.608		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	96.827		52-132		97	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WP0-0-0.25-073124-FD			SDG No.:	BF080724
Lab Sample ID:	P3430-02			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
BF138851.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.963		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	111.542		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45755	6.84				
1146-65-2	Naphthalene-d8	182999	8.122				
15067-26-2	Acenaphthene-d10	98820	9.869				
1517-22-2	Phenanthrene-d10	161899	11.357				
1719-03-5	Chrysene-d12	79196	13.998				
1520-96-3	Perylene-d12	83196	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.8	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	3	J			8.434	

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

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WP0-0-0.25-073124	SDG No.:	BF080724
Lab Sample ID:	P3430-03	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
BF138852.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-03			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
BF138852.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-03			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
BF138852.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	71.157		10-139		47	SPK: -150
13127-88-3	Phenol-d6	44.909		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	100.374		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	105.042		52-132		105	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-03			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
BF138852.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.625		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	128.568		36-145		129	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42320	6.839				
1146-65-2	Naphthalene-d8	172163	8.122				
15067-26-2	Acenaphthene-d10	94731	9.869				
1517-22-2	Phenanthrene-d10	152765	11.357				
1719-03-5	Chrysene-d12	73649	13.998				
1520-96-3	Perylene-d12	77267	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	210	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.9	A			5.063	
	unknown9.963	4.2	J			9.963	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138853.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	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	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138853.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138853.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.877		10-139		39	SPK: -150
13127-88-3	Phenol-d6	36.001		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	89.153		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	92.171		52-132		92	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-04			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	970	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
BF138853.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.75		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	88.22		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43452	6.84				
1146-65-2	Naphthalene-d8	175543	8.116				
15067-26-2	Acenaphthene-d10	97393	9.869				
1517-22-2	Phenanthrene-d10	156156	11.357				
1719-03-5	Chrysene-d12	77173	13.998				
1520-96-3	Perylene-d12	81060	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.146	
004254-15-3	(S)-(+)-1,2-Propanediol	2.4	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	4.8	J			8.434	
000057-10-3	n-Hexadecanoic acid	2.5	J			11.88	
018835-32-0	1-Tricosene	5.5	J			13.839	

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-05			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
BF138854.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	3.8	J	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-05			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
BF138854.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	1.1	U	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	17.61	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	0.97	U	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

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-05			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
BF138854.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

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	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	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	1.3	U	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	1.1	U	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	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	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	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	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	70.078		10-139		47	SPK: -150
13127-88-3	Phenol-d6	45.181		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	95.389		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	98.524		52-132		99	SPK: -100

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

Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WP0-0-0.25-073124			SDG No.:	BF080724
Lab Sample ID:	P3430-05			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
BF138854.D	1	8/1/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.311		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	106.478		36-145		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41667	6.839				
1146-65-2	Naphthalene-d8	170222	8.122				
15067-26-2	Acenaphthene-d10	93712	9.869				
1517-22-2	Phenanthrene-d10	152505	11.357				
1719-03-5	Chrysene-d12	71246	13.998				
1520-96-3	Perylene-d12	77648	15.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.145	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.3	A			5.063	
000627-00-9	Butanoic acid, 4-chloro-	3.7	J			5.21	
000116-53-0	Butanoic acid, 2-methyl-	2.1	J			5.322	
000098-89-5	Cyclohexanecarboxylic acid	3.1	J			7.604	
000103-82-2	Benzeneacetic acid	2.8	J			8.404	
000770-35-4	1-Phenoxypropan-2-ol	4.2	J			8.433	
000501-52-0	Hydrocinnamic acid	5.7	J			8.927	
000057-10-3	n-Hexadecanoic acid	2.9	J			11.88	
018835-32-0	1-Tricosene	4.9	J			13.839	

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

Hit Summary Sheet
SW-846

SDG No.: BF080724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : 927-K1-WS-073124									
P3426-01	927-K1-WS-073124	Water	1-Heneicosanol	*	4.600	J			
P3426-01	927-K1-WS-073124	Water	1-Phenoxypropan-2-ol	*	3.200	J			
P3426-01	927-K1-WS-073124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.300	A			
P3426-01	927-K1-WS-073124	Water	Butane, 2-methoxy-2-methyl-	*	190.000	J			
P3426-01	927-K1-WS-073124	Water	Hexanedioic acid, dioctyl ester	*	3.500	J			
			Total Tics :		**203.60**				
			Total Concentration:		**203.60**				
Client ID : 927-K1-WS-073124-FD									
P3426-02	927-K1-WS-073124-FD	Water	Butane, 2-methoxy-2-methyl-	*	170.000	J			
			Total Tics :		**170.00**				
			Total Concentration:		**170.00**				
Client ID : 926-K1-WS-073124									
P3429-01	926-K1-WS-073124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.600	A			
P3429-01	926-K1-WS-073124	Water	Butane, 2-methoxy-2-methyl-	*	210.000	J			
P3429-01	926-K1-WS-073124	Water	Trichloroacetic acid, hexadecyl es	*	3.900	J			
			Total Tics :		**216.50**				
			Total Concentration:		**216.50**				
Client ID : 931-K1-WS-073124									
P3429-02	931-K1-WS-073124	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	3.100	J			
P3429-02	931-K1-WS-073124	Water	1-Heptacosanol	*	4.100	J			
P3429-02	931-K1-WS-073124	Water	1-Phenoxypropan-2-ol	*	2.500	J			
P3429-02	931-K1-WS-073124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.900	A			
P3429-02	931-K1-WS-073124	Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
			Total Tics :		**212.60**				
			Total Concentration:		**212.60**				
Client ID : 925-K1-WS-073124									
P3429-03	925-K1-WS-073124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.100	A			
P3429-03	925-K1-WS-073124	Water	Butane, 2-methoxy-2-methyl-	*	210.000	J			
			Total Tics :		**213.10**				
			Total Concentration:		**213.10**				
Client ID : 927-K1-WP0-0-0.25-073124									
P3430-01	927-K1-WP0-0-0.25-073	Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.200	A			
P3430-01	927-K1-WP0-0-0.25-073	Water	Butane, 2-methoxy-2-methyl-	*	220.000	J			
			Total Tics :		**223.20**				
			Total Concentration:		**223.20**				

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

Hit Summary Sheet
SW-846

SDG No.: BF080724

Client:

Sample ID	Client ID	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**927-K1-WP0-0-0.25-073124-FD**							
P3430-02	927-K1-WP0-0-0.25-073 Water	1-Phenoxypropan-2-ol	*	3.000	J			
P3430-02	927-K1-WP0-0-0.25-073 Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.800	A			
P3430-02	927-K1-WP0-0-0.25-073 Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
		Total Tics :		**206.80**				
		Total Concentration:		**206.80**				
Client ID :	**926-K1-WP0-0-0.25-073124**							
P3430-03	926-K1-WP0-0-0.25-073 Water	2-Pentanone, 4-hydroxy-4-methyl	*	4.900	A			
P3430-03	926-K1-WP0-0-0.25-073 Water	Butane, 2-methoxy-2-methyl-	*	210.000	J			
P3430-03	926-K1-WP0-0-0.25-073 Water	unknown9.963	*	4.200	J			
		Total Tics :		**219.10**				
		Total Concentration:		**219.10**				
Client ID :	**931-K1-WP0-0-0.25-073124**							
P3430-04	931-K1-WP0-0-0.25-073 Water	(S)-(+)-1,2-Propanediol	*	2.400	J			
P3430-04	931-K1-WP0-0-0.25-073 Water	1-Phenoxypropan-2-ol	*	4.800	J			
P3430-04	931-K1-WP0-0-0.25-073 Water	1-Tricosene	*	5.500	J			
P3430-04	931-K1-WP0-0-0.25-073 Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.900	A			
P3430-04	931-K1-WP0-0-0.25-073 Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
P3430-04	931-K1-WP0-0-0.25-073 Water	n-Hexadecanoic acid	*	2.500	J			
		Total Tics :		**218.10**				
		Total Concentration:		**218.10**				
Client ID :	**925-K1-WP0-0-0.25-073124**							
P3430-05	925-K1-WP0-0-0.25-073 Water	1-Phenoxypropan-2-ol	*	4.200	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	1-Tricosene	*	4.900	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.300	A			
P3430-05	925-K1-WP0-0-0.25-073 Water	Benzeneacetic acid	*	2.800	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	Butanoic acid, 2-methyl-	*	2.100	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	Butanoic acid, 4-chloro-	*	3.700	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	Cyclohexanecarboxylic acid	*	3.100	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	Hydrocinnamic acid	*	5.700	J			
P3430-05	925-K1-WP0-0-0.25-073 Water	n-Hexadecanoic acid	*	2.900	J			
		Total Tics :		**232.70**				
P3430-05	925-K1-WP0-0-0.25-073 Water	3+4-Methylphenols		3.800	J	1.2	10.1	ug/L
		Total Svoc :		**3.80**				
		Total Concentration:		**236.50**				
Client ID :	**923-K1-WS-080124**							
P3440-01	923-K1-WS-080124 Water	1-Phenoxypropan-2-ol	*	3.100	J			
P3440-01	923-K1-WS-080124 Water	2-Pentanone, 4-hydroxy-4-methyl	*	4.100	A			

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

Hit Summary Sheet
SW-846

SDG No.: BF080724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3440-01	923-K1-WS-080124	Water	5-Octadecene, (E)-	*	3.400	J			
P3440-01	923-K1-WS-080124	Water	Butane, 2-methoxy-2-methyl-	*	210.000	J			
P3440-01	923-K1-WS-080124	Water	Diethyltoluamide	*	4.000	J			
P3440-01	923-K1-WS-080124	Water	Hexanedioic acid, dioctyl ester	*	4.900	J			
P3440-01	923-K1-WS-080124	Water	n-Hexadecanoic acid	*	12.400	J			
P3440-01	923-K1-WS-080124	Water	Octadecanoic acid	*	3.700	J			
			Total Tics :		**245.60**				
			Total Concentration:		**245.60**				
Client ID :	**922-K1-WS-080124**								
P3440-04	922-K1-WS-080124	Water	1-Phenoxypropan-2-ol	*	3.600	J			
P3440-04	922-K1-WS-080124	Water	17-Pentatriacontene	*	3.600	J			
P3440-04	922-K1-WS-080124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.600	A			
P3440-04	922-K1-WS-080124	Water	Butane, 2-methoxy-2-methyl-	*	200.000	J			
P3440-04	922-K1-WS-080124	Water	Hexanedioic acid, bis(2-ethylhexy	*	3.800	J			
			Total Tics :		**214.60**				
			Total Concentration:		**214.60**				
Client ID :	**921-J-WPO-0.25-080124**								
P3450-01	921-J-WPO-0.25-080124	Water	1-Heneicosanol	*	4.600	J			
P3450-01	921-J-WPO-0.25-080124	Water	1-Phenoxypropan-2-ol	*	3.800	J			
P3450-01	921-J-WPO-0.25-080124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.900	A			
P3450-01	921-J-WPO-0.25-080124	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J			
P3450-01	921-J-WPO-0.25-080124	Water	Cyclohexanone	*	2.500	J			
P3450-01	921-J-WPO-0.25-080124	Water	Hexanedioic acid, mono(2-ethylhe	*	3.500	J			
P3450-01	921-J-WPO-0.25-080124	Water	n-Hexadecanoic acid	*	2.500	J			
P3450-01	921-J-WPO-0.25-080124	Water	unknown16.339	*	2.800	J			
			Total Tics :		**202.60**				
			Total Concentration:		**202.60**				
Client ID :	**422-K1-WPO-0.25-080124**								
P3450-03	422-K1-WPO-0.25-08012	Water	1-Phenoxypropan-2-ol	*	3.600	J			
P3450-03	422-K1-WPO-0.25-08012	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.500	A			
P3450-03	422-K1-WPO-0.25-08012	Water	Butane, 2-methoxy-2-methyl-	*	180.000	J			
P3450-03	422-K1-WPO-0.25-08012	Water	Hexanedioic acid, dioctyl ester	*	3.300	J			
P3450-03	422-K1-WPO-0.25-08012	Water	n-Tetracosanol-1	*	4.000	J			
			Total Tics :		**193.40**				
			Total Concentration:		**193.40**				
Client ID :	**921-J-WS-080124**								
P3451-01	921-J-WS-080124	Water	1-Heneicosanol	*	5.900	J			
P3451-01	921-J-WS-080124	Water	1-Phenoxypropan-2-ol	*	7.200	J			
P3451-01	921-J-WS-080124	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.800	A			

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

Hit Summary Sheet
SW-846

SDG No.: BF080724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3451-01	921-J-WS-080124	Water	Adipic acid, isobutyl 2-octyl este	*	3.300	J			
P3451-01	921-J-WS-080124	Water	Butane, 2-methoxy-2-methyl-	*	160.000	J			
P3451-01	921-J-WS-080124	Water	Ethanol, 2-(2-ethoxyethoxy)-	*	2.500	J			
P3451-01	921-J-WS-080124	Water	Undecanoic acid	*	2.800	J			
P3451-01	921-J-WS-080124	Water	unknown16.327	*	7.600	J			
			Total Tics :		**192.10**				
			Total Concentration:		**192.10**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024

Instrument ID: Calibration Date(s): 7/30/2024

Calibration Time(s): 12:54

LAB FILE ID: RRF2.5 = BF138680.D RRF005 = BF138681.D RRF010 = BF138682.D
RRF020 = BF138683.D RRF040 = BF138684.D RRF050 = BF138685.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024

Instrument ID: Calibration Date(s): 7/30/2024

Calibration Time(s): 12:54

LAB FILE ID: RRF2.5 = BF138680.D RRF005 = BF138681.D RRF010 = BF138682.D
RRF020 = BF138683.D RRF040 = BF138684.D RRF050 = BF138685.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024

Instrument ID: Calibration Date(s): 7/30/2024

Calibration Time(s): 12:54

LAB FILE ID: RRF2.5 = BF138680.D RRF005 = BF138681.D RRF010 = BF138682.D
RRF020 = BF138683.D RRF040 = BF138684.D RRF050 = BF138685.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

All other compounds must meet a minimum RRF of 0.010.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 11:29

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162455TB	53450	6.84	221655	8.12	127584	9.88
02	PB162463BL	45858	6.84	189947	8.12	110215	9.88
03	923-K1-WS-080124	45232	6.84	183620	8.12	98316	9.87
04	923-K1-WS-080124MS	44396	6.84	176593	8.12	94605	9.88
05	923-K1-WS-080124MSD	41583	6.84	164057	8.12	83168	9.88
06	922-K1-WS-080124	41750	6.84	169871	8.12	89884	9.87
07	921-J-WPO-0.25-080124	40297	6.84	165568	8.12	90118	9.87
08	923-K1-WPO-0.25-080124	43446	6.84	178375	8.12	96795	9.87
09	422-K1-WPO-0.25-080124	44348	6.84	180371	8.12	99826	9.87
10	921-J-WS-080124	44294	6.84	184121	8.12	95656	9.87
11	927-K1-WS-073124	42119	6.84	170418	8.12	92774	9.87
12	927-K1-WS-073124-FD	84689	6.84	334542	8.12	183422	9.88
13	926-K1-WS-073124	42757	6.84	180039	8.12	99192	9.87
14	931-K1-WS-073124	45617	6.84	185150	8.12	102137	9.87
15	925-K1-WS-073124	41178	6.84	167219	8.12	91023	9.87
16	927-K1-WP0-0-0.25-073124	40912	6.84	166378	8.12	89788	9.87
17	927-K1-WP0-0-0.25-073124-FD	45755	6.84	182999	8.12	98820	9.87
18	926-K1-WP0-0-0.25-073124	42320	6.84	172163	8.12	94731	9.87
19	931-K1-WP0-0-0.25-073124	43452	6.84	175543	8.12	97393	9.87
20	925-K1-WP0-0-0.25-073124	41667	6.84	170222	8.12	93712	9.87

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138834.D Time Analyzed: 11:29

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	53283	6.84	211206	8.12	116265	9.88
	UPPER LIMIT	106566	7.34	422412	8.622	232530	10.381
	LOWER LIMIT	26641.5	6.34	105603	7.622	58132.5	9.381
	EPA SAMPLE NO.						
01	PB162455TB	53450	6.84	221655	8.12	127584	9.88
02	PB162463BL	45858	6.84	189947	8.12	110215	9.88
03	923-K1-WS-080124	45232	6.84	183620	8.12	98316	9.87
04	923-K1-WS-080124MS	44396	6.84	176593	8.12	94605	9.88
05	923-K1-WS-080124MSD	41583	6.84	164057	8.12	83168	9.88
06	922-K1-WS-080124	41750	6.84	169871	8.12	89884	9.87
07	921-J-WPO-0.25-080124	40297	6.84	165568	8.12	90118	9.87
08	923-K1-WPO-0.25-080124	43446	6.84	178375	8.12	96795	9.87
09	422-K1-WPO-0.25-080124	44348	6.84	180371	8.12	99826	9.87
10	921-J-WS-080124	44294	6.84	184121	8.12	95656	9.87
11	927-K1-WS-073124	42119	6.84	170418	8.12	92774	9.87
12	927-K1-WS-073124-FD	84689	6.84	334542	8.12	183422	9.88
13	926-K1-WS-073124	42757	6.84	180039	8.12	99192	9.87
14	931-K1-WS-073124	45617	6.84	185150	8.12	102137	9.87
15	925-K1-WS-073124	41178	6.84	167219	8.12	91023	9.87
16	927-K1-WP0-0-0.25-073124	40912	6.84	166378	8.12	89788	9.87
17	927-K1-WP0-0-0.25-073124-FD	45755	6.84	182999	8.12	98820	9.87
18	926-K1-WP0-0-0.25-073124	42320	6.84	172163	8.12	94731	9.87
19	931-K1-WP0-0-0.25-073124	43452	6.84	175543	8.12	97393	9.87
20	925-K1-WP0-0-0.25-073124	41667	6.84	170222	8.12	93712	9.87

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138834.D Time Analyzed: 21:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	53283	6.84	211206	8.12	116265	9.88
UPPER LIMIT	106566	7.34	422412	8.622	232530	10.381
LOWER LIMIT	26641.5	6.34	105603	7.622	58132.5	9.381
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 11:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	227513	11.369	125928	14.004	151531		15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062		15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5		14.968
	EPA SAMPLE NO.							
01	PB162455TB	238412	11.36	143081	14.00	95695		15.46
02	PB162463BL	204848	11.36	119313	14.00	83107		15.46
03	923-K1-WS-080124	162437	11.36	84407	13.99	89901		15.46
04	923-K1-WS-080124MS	144429	11.36	77825	14.00	88601		15.46
05	923-K1-WS-080124MSD	133927	11.36	71097	14.00	81109		15.46
06	922-K1-WS-080124	145951	11.36	76059	14.00	79882		15.46
07	921-J-WPO-0.25-080124	145219	11.36	73846	14.00	77595		15.46
08	923-K1-WPO-0.25-080124	156972	11.36	79013	14.00	85609		15.46
09	422-K1-WPO-0.25-080124	162540	11.36	80318	14.00	85714		15.46
10	921-J-WS-080124	153464	11.36	77095	14.00	83649		15.46
11	927-K1-WS-073124	151758	11.36	74743	14.00	81654		15.46
12	927-K1-WS-073124-FD	293908	11.36	143828	14.00	158634		15.46
13	926-K1-WS-073124	163767	11.36	80836	14.00	84652		15.46
14	931-K1-WS-073124	162112	11.36	78712	14.00	84478		15.46
15	925-K1-WS-073124	146465	11.36	69873	13.99	75535	*	15.46
16	927-K1-WP0-0-0.25-073124	145303	11.36	70698	14.00	76602		15.46
17	927-K1-WP0-0-0.25-073124-FI	161899	11.36	79196	14.00	83196		15.46
18	926-K1-WP0-0-0.25-073124	152765	11.36	73649	14.00	77267		15.46
19	931-K1-WP0-0-0.25-073124	156156	11.36	77173	14.00	81060		15.46
20	925-K1-WP0-0-0.25-073124	152505	11.36	71246	14.00	77648		15.46

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
EPA SAMPLE NO.						

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

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138834.D Time Analyzed: 11:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	196393	11.363	90664	14.004	98369	15.463
	UPPER LIMIT	392786	11.863	181328	14.504	196738	15.963
	LOWER LIMIT	98196.5	10.863	45332	13.504	49184.5	14.963
	EPA SAMPLE NO.						
01	PB162455TB	238412	11.36	143081	14.00	95695	15.46
02	PB162463BL	204848	11.36	119313	14.00	83107	15.46
03	923-K1-WS-080124	162437	11.36	84407	13.99	89901	15.46
04	923-K1-WS-080124MS	144429	11.36	77825	14.00	88601	15.46
05	923-K1-WS-080124MSD	133927	11.36	71097	14.00	81109	15.46
06	922-K1-WS-080124	145951	11.36	76059	14.00	79882	15.46
07	921-J-WPO-0.25-080124	145219	11.36	73846	14.00	77595	15.46
08	923-K1-WPO-0.25-080124	156972	11.36	79013	14.00	85609	15.46
09	422-K1-WPO-0.25-080124	162540	11.36	80318	14.00	85714	15.46
10	921-J-WS-080124	153464	11.36	77095	14.00	83649	15.46
11	927-K1-WS-073124	151758	11.36	74743	14.00	81654	15.46
12	927-K1-WS-073124-FD	293908	11.36	143828	14.00	158634	15.46
13	926-K1-WS-073124	163767	11.36	80836	14.00	84652	15.46
14	931-K1-WS-073124	162112	11.36	78712	14.00	84478	15.46
15	925-K1-WS-073124	146465	11.36	69873	13.99	75535	15.46
16	927-K1-WP0-0-0.25-073124	145303	11.36	70698	14.00	76602	15.46
17	927-K1-WP0-0-0.25-073124-FI	161899	11.36	79196	14.00	83196	15.46
18	926-K1-WP0-0-0.25-073124	152765	11.36	73649	14.00	77267	15.46
19	931-K1-WP0-0-0.25-073124	156156	11.36	77173	14.00	81060	15.46
20	925-K1-WP0-0-0.25-073124	152505	11.36	71246	14.00	77648	15.46

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BF138834.D Time Analyzed: 21:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	196393	11.363	90664	14.004	98369	15.463
UPPER LIMIT	392786	11.863	181328	14.504	196738	15.963
LOWER LIMIT	98196.5	10.863	45332	13.504	49184.5	14.963
EPA SAMPLE NO.						

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

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

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

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

927-K1-WS-073124

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

Lab File ID: BF138845.D Lab Sample ID: P3426-01

Instrument ID: BNA_F Date Extracted: 08/01/2024

Matrix: (soil/water) Water Date Analyzed: 08/07/2024

Level: (low/med) LOW Time Analyzed: 16:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
927-K1-WS-073124	P3426-01	BF138845.D	08/07/2024
927-K1-WS-073124-FD	P3426-02	BF138846.D	08/07/2024
926-K1-WS-073124	P3429-01	BF138847.D	08/07/2024
931-K1-WS-073124	P3429-02	BF138848.D	08/07/2024
925-K1-WS-073124	P3429-03	BF138849.D	08/07/2024
927-K1-WP0-0-0.25-073124	P3430-01	BF138850.D	08/07/2024
927-K1-WP0-0-0.25-073124-FD	P3430-02	BF138851.D	08/07/2024
926-K1-WP0-0-0.25-073124	P3430-03	BF138852.D	08/07/2024
931-K1-WP0-0-0.25-073124	P3430-04	BF138853.D	08/07/2024
925-K1-WP0-0-0.25-073124	P3430-05	BF138854.D	08/07/2024

COMMENTS:

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162463BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

Lab File ID: BF138836.D Lab Sample ID: PB162463BL

Instrument ID: BNA_F Date Extracted: 08/02/2024

Matrix: (soil/water) Water Date Analyzed: 08/07/2024

Level: (low/med) LOW Time Analyzed: 11:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
923-K1-WS-080124	P3440-01	BF138837.D	08/07/2024
923-K1-WS-080124MS	P3440-02MS	BF138838.D	08/07/2024
923-K1-WS-080124MSD	P3440-03MSD	BF138839.D	08/07/2024
922-K1-WS-080124	P3440-04	BF138840.D	08/07/2024
921-J-WPO-0.25-080124	P3450-01	BF138841.D	08/07/2024
923-K1-WPO-0.25-080124	P3450-02	BF138842.D	08/07/2024
422-K1-WPO-0.25-080124	P3450-03	BF138843.D	08/07/2024
921-J-WS-080124	P3451-01	BF138844.D	08/07/2024

COMMENTS:

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162455TB

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF080724 SAS No.: BF080724 SDG NO.: BF080724

Lab File ID: BF138835.D Lab Sample ID: PB162455TB

Instrument ID: BNA_F Date Extracted: 08/02/2024

Matrix: (soil/water) water Date Analyzed: 08/07/2024

Level: (low/med) LOW Time Analyzed: 11:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162455TB	PB162455TB	BF138835.D	08/07/2024

COMMENTS:

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3440-02MS		**Client Sample ID: 923-K1-WS-080124MS**						**DataFile: BF138838.D**			
n-Nitrosodimethylamine	54.9		25.7	ug/L	47				10	130	
Pyridine	54.9		19.5	ug/L	36				10	109	
Benzaldehyde	54.9		0	ug/L	0	*			10	137	
Aniline	54.9		34.7	ug/L	63				10	130	
Phenol	54.9		17.9	ug/L	33				10	130	
bis(2-Chloroethyl)ether	54.9		50.3	ug/L	92				29	141	
2-Chlorophenol	54.9		46	ug/L	84				23	127	
1,2-Dichlorobenzene	54.9		46.1	ug/L	84				61	114	
1,3-Dichlorobenzene	54.9		43.4	ug/L	79				65	106	
1,4-Dichlorobenzene	54.9		44.3	ug/L	81				55	125	
Benzyl Alcohol	54.9		40.2	ug/L	73				31	94	
2-Methylphenol	54.9		38.2	ug/L	70				23	132	
2,2-oxybis(1-Chloropropane)	54.9		48.4	ug/L	88				36	141	
Acetophenone	54.9		52.5	ug/L	96				31	164	
3+4-Methylphenols	54.9		34.9	ug/L	64				17	136	
N-Nitroso-di-n-propylamine	54.9		56.6	ug/L	103				36	147	
Hexachloroethane	54.9		42.2	ug/L	77				35	137	
Nitrobenzene	54.9		52.4	ug/L	95				40	134	
Isophorone	54.9		55.8	ug/L	102				39	146	
2-Nitrophenol	54.9		55.5	ug/L	101				30	148	
2,4-Dimethylphenol	54.9		54.2	ug/L	99				17	143	
bis(2-Chloroethoxy)methane	54.9		53.7	ug/L	98				39	143	
2,4-Dichlorophenol	54.9		54.4	ug/L	99				22	146	
1,2,4-Trichlorobenzene	54.9		50.2	ug/L	91				66	110	
Benzoic acid	54.9		12.1	ug/L	22				10	101	
Naphthalene	54.9		50.6	ug/L	92				17	157	
4-Chloroaniline	54.9		35.5	ug/L	65				10	95	
Hexachlorobutadiene	54.9		47.1	ug/L	86				52	125	
Caprolactam	54.9		10.3	ug/L	19				10	130	
4-Chloro-3-methylphenol	54.9		49.9	ug/L	91				17	148	
2-Methylnaphthalene	54.9		54	ug/L	98				38	146	
Hexachlorocyclopentadiene	110		120	ug/L	109				20	153	
2,4,6-Trichlorophenol	54.9		54.5	ug/L	99				46	139	
2,4,5-Trichlorophenol	54.9		53.4	ug/L	97				42	129	
1,1-Biphenyl	54.9		51.4	ug/L	94				38	154	
2-Chloronaphthalene	54.9		54.3	ug/L	99				41	145	
2-Nitroaniline	54.9		56.5	ug/L	103				39	151	
Dimethylphthalate	54.9		59	ug/L	107				42	147	
Acenaphthylene	54.9		59.3	ug/L	108				40	141	
2,6-Dinitrotoluene	54.9		56.4	ug/L	103				43	148	
3-Nitroaniline	54.9		34.7	ug/L	63				10	111	
Acenaphthene	54.9		54.3	ug/L	99				37	146	
Total PAH	878.4		892.2	ug/L	102				37	146	
2,4-Dinitrophenol	110		98.8	ug/L	90				14	167	
4-Nitrophenol	110		24.1	ug/L	22				10	130	
Dibenzofuran	54.9		58	ug/L	106				41	145	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene	54.9		57	ug/L	104				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	109.8		113.4	ug/L	103				40	151	
Diethylphthalate	54.9		60.7	ug/L	111				41	148	
4-Chlorophenyl-phenylether	54.9		58.1	ug/L	106				38	149	
Fluorene	54.9		57	ug/L	104				39	144	
4-Nitroaniline	54.9		48.4	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	54.9		59.3	ug/L	108				32	175	
N-Nitrosodiphenylamine	54.9		61.1	ug/L	111				40	150	
Azobenzene	54.9		55.4	ug/L	101				72	112	
4-Bromophenyl-phenylether	54.9		59.3	ug/L	108				42	151	
Hexachlorobenzene	54.9		61.3	ug/L	112				60	129	
Atrazine	54.9		64.8	ug/L	118				20	162	
Pentachlorophenol	110		87.6	ug/L	80				15	137	
Phenanthrene	54.9		59.9	ug/L	109				40	147	
Anthracene	54.9		61.9	ug/L	113				41	146	
Carbazole	54.9		55.7	ug/L	101				37	154	
Di-n-butylphthalate	54.9		65.5	ug/L	119				40	151	
Fluoranthene	54.9		55.1	ug/L	100				42	146	
Benzidine	110		11	ug/L	10				10	130	
Pyrene	54.9		51.8	ug/L	94				41	149	
Butylbenzylphthalate	54.9		62.9	ug/L	115				39	155	
3,3-Dichlorobenzidine	54.9		47.7	ug/L	87				10	114	
Benzo(a)anthracene	54.9		59.8	ug/L	109				41	147	
Chrysene	54.9		57.5	ug/L	105				44	144	
bis(2-Ethylhexyl)phthalate	54.9		59.4	ug/L	108				33	160	
Di-n-octyl phthalate	54.9		55	ug/L	100				36	158	
Benzo(b)fluoranthene	54.9		59.9	ug/L	109				40	150	
Benzo(k)fluoranthene	54.9		56	ug/L	102				40	147	
Benzo(a)pyrene	54.9		61.4	ug/L	112				42	147	
Indeno(1,2,3-cd)pyrene	54.9		52.1	ug/L	95				30	166	
Dibenz(a,h)anthracene	54.9		50.9	ug/L	93				23	172	
Benzo(g,h,i)perylene	54.9		44.7	ug/L	81				27	167	
1,2,4,5-Tetrachlorobenzene	54.9		52.6	ug/L	96				89	102	
1,4-Dioxane	54.9		19	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	54.9		53.4	ug/L	97				91	111	
1-Methylnaphthalene	54.9		51.4	ug/L	94				25	151	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3440-03MSD		**Client Sample ID: 923-K1-WS-080124MSD**						**DataFile: BF138839.D**			
n-Nitrosodimethylamine	54.9		26.6	ug/L	48		2		10	130	20
Pyridine	54.9		19.6	ug/L	36		0		10	109	20
Benzaldehyde	54.9		0	ug/L	0	*			10	137	20
Aniline	54.9		36	ug/L	66		5		10	130	20
Phenol	54.9		18.4	ug/L	34		3		10	130	20
bis(2-Chloroethyl)ether	54.9		51	ug/L	93		1		29	141	20
2-Chlorophenol	54.9		46.6	ug/L	85		1		23	127	20
1,2-Dichlorobenzene	54.9		44.6	ug/L	81		4		61	114	20
1,3-Dichlorobenzene	54.9		44	ug/L	80		1		65	106	20
1,4-Dichlorobenzene	54.9		43.8	ug/L	80		1		55	125	20
Benzyl Alcohol	54.9		40.3	ug/L	73		0		31	94	20
2-Methylphenol	54.9		38.2	ug/L	70		0		23	132	20
2,2-oxybis(1-Chloropropane)	54.9		48.4	ug/L	88		0		36	141	20
Acetophenone	54.9		54.9	ug/L	100		4		31	164	20
3+4-Methylphenols	54.9		35.2	ug/L	64		0		17	136	20
N-Nitroso-di-n-propylamine	54.9		57.1	ug/L	104		1		36	147	20
Hexachloroethane	54.9		42	ug/L	77		0		35	137	20
Nitrobenzene	54.9		53.8	ug/L	98		3		40	134	20
Isophorone	54.9		57.4	ug/L	105		3		39	146	20
2-Nitrophenol	54.9		56.8	ug/L	103		2		30	148	20
2,4-Dimethylphenol	54.9		55.4	ug/L	101		2		17	143	20
bis(2-Chloroethoxy)methane	54.9		55.5	ug/L	101		3		39	143	20
2,4-Dichlorophenol	54.9		55.5	ug/L	101		2		22	146	20
1,2,4-Trichlorobenzene	54.9		50.8	ug/L	93		2		66	110	20
Benzoic acid	54.9		11.8	ug/L	21		5		10	101	20
Naphthalene	54.9		52.9	ug/L	96		4		17	157	20
4-Chloroaniline	54.9		36.2	ug/L	66		2		10	95	20
Hexachlorobutadiene	54.9		48.7	ug/L	89		3		52	125	20
Caprolactam	54.9		10.2	ug/L	19		0		10	130	20
4-Chloro-3-methylphenol	54.9		52	ug/L	95		4		17	148	20
2-Methylnaphthalene	54.9		56	ug/L	102		4		38	146	20
Hexachlorocyclopentadiene	110		130	ug/L	118		8		20	153	20
2,4,6-Trichlorophenol	54.9		60.6	ug/L	110		11		46	139	20
2,4,5-Trichlorophenol	54.9		58	ug/L	106		9		42	129	20
1,1-Biphenyl	54.9		56.3	ug/L	103		9		38	154	20
2-Chloronaphthalene	54.9		59	ug/L	107		8		41	145	20
2-Nitroaniline	54.9		61.5	ug/L	112		8		39	151	20
Dimethylphthalate	54.9		64.8	ug/L	118		10		42	147	20
Acenaphthylene	54.9		66.1	ug/L	120		11		40	141	20
2,6-Dinitrotoluene	54.9		61.7	ug/L	112		8		43	148	20
3-Nitroaniline	54.9		37.7	ug/L	69		9		10	111	20
Acenaphthene	54.9		59.8	ug/L	109		10		37	146	20
Total PAH	878.4		942.7	ug/L	107		5		37	146	20
2,4-Dinitrophenol	110		110	ug/L	100		11		14	167	20
4-Nitrophenol	110		26.3	ug/L	24		9		10	130	20
Dibenzofuran	54.9		63.1	ug/L	115		8		41	145	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene	54.9		64.1	ug/L	117		12		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	109.8		125.8	ug/L	115		11		40	151	20
Diethylphthalate	54.9		66.1	ug/L	120		8		41	148	20
4-Chlorophenyl-phenylether	54.9		62.9	ug/L	115		8		38	149	20
Fluorene	54.9		62.4	ug/L	114		9		39	144	20
4-Nitroaniline	54.9		52.6	ug/L	96		9		27	138	20
4,6-Dinitro-2-methylphenol	54.9		61.3	ug/L	112		4		32	175	20
N-Nitrosodiphenylamine	54.9		64.5	ug/L	117		5		40	150	20
Azobenzene	54.9		61.1	ug/L	111		9		72	112	20
4-Bromophenyl-phenylether	54.9		61.6	ug/L	112		4		42	151	20
Hexachlorobenzene	54.9		61.8	ug/L	113		1		60	129	20
Atrazine	54.9		69.7	ug/L	127		7		20	162	20
Pentachlorophenol	110		95.8	ug/L	87		8		15	137	20
Phenanthrene	54.9		62.7	ug/L	114		4		40	147	20
Anthracene	54.9		64.7	ug/L	118		4		41	146	20
Carbazole	54.9		58.9	ug/L	107		6		37	154	20
Di-n-butylphthalate	54.9		67.9	ug/L	124		4		40	151	20
Fluoranthene	54.9		57.2	ug/L	104		4		42	146	20
Benzidine	110		15	ug/L	14		33	*	10	130	20
Pyrene	54.9		54.5	ug/L	99		5		41	149	20
Butylbenzylphthalate	54.9		66.2	ug/L	121		5		39	155	20
3,3-Dichlorobenzidine	54.9		50.4	ug/L	92		6		10	114	20
Benzo(a)anthracene	54.9		60.1	ug/L	109		0		41	147	20
Chrysene	54.9		61.1	ug/L	111		6		44	144	20
bis(2-Ethylhexyl)phthalate	54.9		61.7	ug/L	112		4		33	160	20
Di-n-octyl phthalate	54.9		57.2	ug/L	104		4		36	158	20
Benzo(b)fluoranthene	54.9		56.7	ug/L	103		6		40	150	20
Benzo(k)fluoranthene	54.9		66.6	ug/L	121		17		40	147	20
Benzo(a)pyrene	54.9		64.5	ug/L	117		4		42	147	20
Indeno(1,2,3-cd)pyrene	54.9		54.1	ug/L	99		4		30	166	20
Dibenz(a,h)anthracene	54.9		52.7	ug/L	96		3		23	172	20
Benzo(g,h,i)perylene	54.9		46.6	ug/L	85		5		27	167	20
1,2,4,5-Tetrachlorobenzene	54.9		56.6	ug/L	103	*	7		89	102	20
1,4-Dioxane	54.9		20	ug/L	36	*	3		38	130	20
2,3,4,6-Tetrachlorophenol	54.9		59.6	ug/L	109		12		91	111	20
1-Methylnaphthalene	54.9		53	ug/L	97		3		25	151	20

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

Surrogate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3426-01	927-K1-WS-07312	BF138845.D	2-Fluorophenol	150	57.65	38		10	139
			Phenol-d6	150	35.79	24		10	134
			Nitrobenzene-d5	100	94.75	95		49	133
			2-Fluorobiphenyl	100	98.91	99		52	132
			2,4,6-Tribromophenol	150	149.01	99		32	145
			Terphenyl-d14	100	118.51	119		36	145
P3426-02	927-K1-WS-07312	BF138846.D	2-Fluorophenol	150	17.86	12		10	139
			Phenol-d6	150	12.65	8	*	10	134
			Nitrobenzene-d5	100	19.72	20	*	49	133
			2-Fluorobiphenyl	100	20.49	20	*	52	132
			2,4,6-Tribromophenol	150	30.46	20	*	32	145
			Terphenyl-d14	100	24.60	25	*	36	145
P3429-01	926-K1-WS-07312	BF138847.D	2-Fluorophenol	150	65.47	44		10	139
			Phenol-d6	150	39.25	26		10	134
			Nitrobenzene-d5	100	93.21	93		49	133
			2-Fluorobiphenyl	100	96.17	96		52	132
			2,4,6-Tribromophenol	150	147.06	98		32	145
			Terphenyl-d14	100	108.36	108		36	145
P3429-02	931-K1-WS-07312	BF138848.D	2-Fluorophenol	150	58.89	39		10	139
			Phenol-d6	150	36.02	24		10	134
			Nitrobenzene-d5	100	89.11	89		49	133
			2-Fluorobiphenyl	100	90.98	91		52	132
			2,4,6-Tribromophenol	150	136.52	91		32	145
			Terphenyl-d14	100	91.67	92		36	145
P3429-03	925-K1-WS-07312	BF138849.D	2-Fluorophenol	150	64.46	43		10	139
			Phenol-d6	150	38.15	25		10	134
			Nitrobenzene-d5	100	99.71	100		49	133
			2-Fluorobiphenyl	100	104.70	105		52	132
			2,4,6-Tribromophenol	150	161.93	108		32	145
			Terphenyl-d14	100	110.94	111		36	145
P3430-01	927-K1-WP0-0-0.2	BF138850.D	2-Fluorophenol	150	69.19	46		10	139
			Phenol-d6	150	43.56	29		10	134
			Nitrobenzene-d5	100	100.48	100		49	133
			2-Fluorobiphenyl	100	104.56	105		52	132
			2,4,6-Tribromophenol	150	158.63	106		32	145
			Terphenyl-d14	100	112.11	112		36	145
P3430-02	927-K1-WP0-0-0.2	BF138851.D	2-Fluorophenol	150	71.31	48		10	139
			Phenol-d6	150	45.96	31		10	134
			Nitrobenzene-d5	100	92.61	93		49	133
			2-Fluorobiphenyl	100	96.83	97		52	132
			2,4,6-Tribromophenol	150	153.96	103		32	145
			Terphenyl-d14	100	111.54	112		36	145
P3430-03	926-K1-WP0-0-0.2	BF138852.D	2-Fluorophenol	150	71.16	47		10	139
			Phenol-d6	150	44.91	30		10	134
			Nitrobenzene-d5	100	100.37	100		49	133
			2-Fluorobiphenyl	100	105.04	105		52	132
			2,4,6-Tribromophenol	150	151.63	101		32	145
			Terphenyl-d14	100	128.57	129		36	145
P3430-04	931-K1-WP0-0-0.2	BF138853.D	2-Fluorophenol	150	57.88	39		10	139

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

Surrogate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3430-04	931-K1-WP0-0-0.2	BF138853.D	Phenol-d6	150	36.00	24		10	134
			Nitrobenzene-d5	100	89.15	89		49	133
			2-Fluorobiphenyl	100	92.17	92		52	132
			2,4,6-Tribromophenol	150	139.75	93		32	145
			Terphenyl-d14	100	88.22	88		36	145
P3430-05	925-K1-WP0-0-0.2	BF138854.D	2-Fluorophenol	150	70.08	47		10	139
			Phenol-d6	150	45.18	30		10	134
			Nitrobenzene-d5	100	95.39	95		49	133
			2-Fluorobiphenyl	100	98.52	99		52	132
			2,4,6-Tribromophenol	150	151.31	101		32	145
			Terphenyl-d14	100	106.48	106		36	145

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

Surrogate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3440-01	923-K1-WS-08012	BF138837.D	2-Fluorophenol	150	63.62	42		10	139
			Phenol-d6	150	38.19	25		10	134
			Nitrobenzene-d5	100	94.79	95		49	133
			2-Fluorobiphenyl	100	98.28	98		52	132
			2,4,6-Tribromophenol	150	153.69	102		32	145
			Terphenyl-d14	100	113.81	114		36	145
P3440-02MS	923-K1-WS-08012	BF138838.D	2-Fluorophenol	150	64.98	43		10	139
			Phenol-d6	150	40.26	27		10	134
			Nitrobenzene-d5	100	95.31	95		49	133
			2-Fluorobiphenyl	100	96.52	97		52	132
			2,4,6-Tribromophenol	150	142.89	95		32	145
			Terphenyl-d14	100	106.56	107		36	145
P3440-03MSD	923-K1-WS-08012	BF138839.D	2-Fluorophenol	150	66.70	44		10	139
			Phenol-d6	150	40.24	27		10	134
			Nitrobenzene-d5	100	98.43	98		49	133
			2-Fluorobiphenyl	100	105.88	106		52	132
			2,4,6-Tribromophenol	150	158.97	106		32	145
			Terphenyl-d14	100	112.75	113		36	145
P3440-04	922-K1-WS-08012	BF138840.D	2-Fluorophenol	150	57.92	39		10	139
			Phenol-d6	150	34.47	23		10	134
			Nitrobenzene-d5	100	92.37	92		49	133
			2-Fluorobiphenyl	100	96.79	97		52	132
			2,4,6-Tribromophenol	150	147.43	98		32	145
			Terphenyl-d14	100	108.39	108		36	145
P3450-01	921-J-WPO-0.25-08	BF138841.D	2-Fluorophenol	150	55.15	37		10	139
			Phenol-d6	150	32.08	21		10	134
			Nitrobenzene-d5	100	90.59	91		49	133
			2-Fluorobiphenyl	100	95.47	95		52	132
			2,4,6-Tribromophenol	150	142.24	95		32	145
			Terphenyl-d14	100	107.66	108		36	145
P3450-02	923-K1-WPO-0.25-	BF138842.D	2-Fluorophenol	150	50.97	34		10	139
			Phenol-d6	150	31.06	21		10	134
			Nitrobenzene-d5	100	80.69	81		49	133
			2-Fluorobiphenyl	100	85.34	85		52	132
			2,4,6-Tribromophenol	150	127.52	85		32	145
			Terphenyl-d14	100	98.30	98		36	145
P3450-03	422-K1-WPO-0.25-	BF138843.D	2-Fluorophenol	150	53.40	36		10	139
			Phenol-d6	150	32.60	22		10	134
			Nitrobenzene-d5	100	85.29	85		49	133
			2-Fluorobiphenyl	100	88.20	88		52	132
			2,4,6-Tribromophenol	150	132.72	88		32	145
			Terphenyl-d14	100	107.72	108		36	145
P3451-01	921-J-WS-080124	BF138844.D	2-Fluorophenol	150	49.16	33		10	139
			Phenol-d6	150	29.56	20		10	134
			Nitrobenzene-d5	100	78.61	79		49	133
			2-Fluorobiphenyl	100	87.45	87		52	132
			2,4,6-Tribromophenol	150	128.48	86		32	145
			Terphenyl-d14	100	95.33	95		36	145
PB162463BL	PB162463BL	BF138836.D	2-Fluorophenol	150	130.94	87		10	139

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

Surrogate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162463BL	PB162463BL	BF138836.D	Phenol-d6	150	127.96	85		10	134
			Nitrobenzene-d5	100	87.11	87		49	133
			2-Fluorobiphenyl	100	86.72	87		52	132
			2,4,6-Tribromophenol	150	144.88	97		32	145
			Terphenyl-d14	100	103.97	104		36	145

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

Surrogate Summary

SW-846

SDG No.: BF080724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162455TB	PB162455TB	BF138835.D	2-Fluorophenol	150	135.93	91		10	139
			Phenol-d6	150	135.76	91		10	134
			Nitrobenzene-d5	100	88.89	89		49	133
			2-Fluorobiphenyl	100	89.66	90		52	132
			2,4,6-Tribromophenol	150	151.61	101		32	145
			Terphenyl-d14	100	105.44	105		36	145

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF080724

Lab Code: CHEM SAS No.: BF080724 SDG NO.: BF080724

Lab File ID: BF138833.D DFTPP Injection Date: 08/07/2024

Instrument ID: BNA_F DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85.6
443	15.0 - 24.0% of mass 442	15.9 (18.6) 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	BF138834.D	08/07/2024	11:00
PB162455TB	PB162455TB	BF138835.D	08/07/2024	11:29
PB162463BL	PB162463BL	BF138836.D	08/07/2024	11:59
923-K1-WS-080124	P3440-01	BF138837.D	08/07/2024	12:34
923-K1-WS-080124MS	P3440-02MS	BF138838.D	08/07/2024	13:04
923-K1-WS-080124MSD	P3440-03MSD	BF138839.D	08/07/2024	13:35
922-K1-WS-080124	P3440-04	BF138840.D	08/07/2024	14:05
921-J-WPO-0.25-080124	P3450-01	BF138841.D	08/07/2024	14:34
923-K1-WPO-0.25-080124	P3450-02	BF138842.D	08/07/2024	15:04
422-K1-WPO-0.25-080124	P3450-03	BF138843.D	08/07/2024	15:34
921-J-WS-080124	P3451-01	BF138844.D	08/07/2024	16:05
927-K1-WS-073124	P3426-01	BF138845.D	08/07/2024	16:35
927-K1-WS-073124-FD	P3426-02	BF138846.D	08/07/2024	17:05
926-K1-WS-073124	P3429-01	BF138847.D	08/07/2024	17:36
931-K1-WS-073124	P3429-02	BF138848.D	08/07/2024	18:06
925-K1-WS-073124	P3429-03	BF138849.D	08/07/2024	18:36
927-K1-WP0-0-0.25-073124	P3430-01	BF138850.D	08/07/2024	19:06
927-K1-WP0-0-0.25-073124-FD	P3430-02	BF138851.D	08/07/2024	19:37

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF080724

Lab Code: CHEM SAS No.: BF080724 SDG NO.: BF080724

Lab File ID: BF138833.D DFTPP Injection Date: 08/07/2024

Instrument ID: BNA_F DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85.6
443	15.0 - 24.0% of mass 442	15.9 (18.6) 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
926-K1-WP0-0-0.25-073124	P3430-03	BF138852.D	08/07/2024	20:07
931-K1-WP0-0-0.25-073124	P3430-04	BF138853.D	08/07/2024	20:37
925-K1-WP0-0-0.25-073124	P3430-05	BF138854.D	08/07/2024	21:08