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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12: 23:41

Lab File ID: BG062312.D Init. Calib. Date(s):

EPA Sample No.: SSTD020596 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.482	0.010	-7.9235	40.0
Benzaldehyde	1.009	1.041	0.010	3.1962	40.0
Pyridine	1.517	1.452	0.010	-4.2917	40.0
Phenol	2.014	1.983	0.080	-1.5689	20.0
Bis(2-Chloroethyl)ether	1.493	1.413	0.100	-5.3421	20.0
2-Chlorophenol	1.453	1.403	0.200	-3.463	20.0
2-Methylphenol	1.519	1.443	0.010	-4.9864	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.961	0.010	-2.9061	40.0
Acetophenone	2.532	2.448	0.060	-3.3255	20.0
4-Methylphenol	1.701	1.666	0.010	-2.0587	20.0
N-Nitroso-di-n-propylamine	1.346	1.308	0.050	-2.8322	30.0
Hexachloroethane	0.540	0.526	0.100	-2.5195	20.0
Nitrobenzene	0.351	0.381	0.050	8.7092	25.0
Isophorone	0.844	0.794	0.050	-5.904	25.0
2-Nitrophenol	0.141	0.175	0.050	24.6985	25.0
2,4-Dimethylphenol	0.403	0.380	0.050	-5.5592	25.0
Bis(2-Chloroethoxy)methane	0.476	0.465	0.050	-2.2517	20.0
2,4-Dichlorophenol	0.342	0.360	0.060	5.5613	20.0
Naphthalene	1.137	1.098	0.200	-3.4335	20.0
4-Chloroaniline	0.478	0.456	0.010	-4.5504	40.0
Hexachlorobutadiene	0.258	0.247	0.040	-4.2984	30.0
Caprolactam	0.119	0.126	0.010	5.419	40.0
4-Chloro-3-methylphenol	0.383	0.415	0.040	8.2338	25.0
1-Methylnaphthalene	0.811	0.850	0.100	4.7529	20.0
2-Methylnaphthalene	0.783	0.841	0.100	7.4299	20.0
Hexachlorocyclopentadiene	0.254	0.272	0.010	7.0189	40.0
2,4,6-Trichlorophenol	0.379	0.389	0.090	2.7332	25.0
2,4,5-Trichlorophenol	0.408	0.428	0.100	4.908	25.0
1,1-Biphenyl	1.515	1.429	0.200	-5.6945	20.0
2-Chloronaphthalene	1.177	1.122	0.300	-4.7299	20.0
2-Nitroaniline	0.300	0.346	0.050	15.4621	40.0
Dimethylphthalate	1.548	1.421	0.300	-8.2231	20.0
2,6-Dinitrotoluene	0.211	0.257	0.080	21.6673	30.0
Acenaphthylene	1.864	1.739	0.400	-6.7311	20.0
3-Nitroaniline	0.241	0.259	0.010	7.8183	40.0
Acenaphthene	1.388	1.290	0.200	-7.0694	20.0
2,4-Dinitrophenol	0.084	0.101	0.010	20.2627	40.0
4-Nitrophenol	0.193	0.192	0.010	-0.8892	40.0
Dibenzofuran	1.917	1.794	0.300	-6.4298	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12: 23:41

Lab File ID: BG062312.D Init. Calib. Date(s):

EPA Sample No.: SSTD020596 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.385	0.070	32.8669	30.0
Diethylphthalate	1.563	1.408	0.300	-9.9532	20.0
Fluorene	1.499	1.402	0.200	-6.4885	20.0
4-Chlorophenyl-phenylether	0.773	0.716	0.100	-7.3387	20.0
4-Nitroaniline	0.232	0.240	0.010	3.3506	40.0
4,6-Dinitro-2-methylphenol	0.068	0.091	0.010	33.5368	40.0
N-Nitrosodiphenylamine	0.599	0.566	0.050	-5.5278	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.634	0.100	-2.9254	20.0
4-Bromophenyl-phenylether	0.228	0.220	0.070	-3.5079	20.0
Hexachlorobenzene	0.265	0.254	0.050	-4.2744	25.0
Atrazine	0.230	0.224	0.010	-2.3257	25.0
Pentachlorophenol	0.140	0.145	0.010	3.7042	40.0
Phenanthrene	1.126	1.061	0.200	-5.7509	20.0
Pentachlorobenzene	0.313	0.304	0.050	-2.877	20.0
Anthracene	1.155	1.084	0.200	-6.2046	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.298	0.050	-0.5101	20.0
Carbazole	0.947	0.910	0.050	-3.94	40.0
Di-n-butylphthalate	1.127	1.098	0.500	-2.6372	25.0
Fluoranthene	1.344	1.225	0.400	-8.8931	25.0
Pyrene	1.431	1.322	0.400	-7.6385	25.0
Butylbenzylphthalate	0.494	0.466	0.100	-5.723	40.0
3,3-Dichlorobenzidine	0.450	0.456	0.010	1.39	40.0
Benzo(a)anthracene	1.465	1.353	0.300	-7.6219	30.0
Chrysene	1.383	1.283	0.200	-7.2473	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.706	0.200	-7.3514	40.0
Di-n-octyl phthalate	1.139	1.064	0.010	-6.6041	40.0
Benzo(b)fluoranthene	1.217	1.144	0.200	-5.9393	25.0
Benzo(k)fluoranthene	1.238	1.148	0.200	-7.2226	25.0
Benzo(a)pyrene	1.151	1.078	0.200	-6.3708	20.0
Indeno(1,2,3-cd)pyrene	1.492	1.382	0.200	-7.3684	25.0
Dibenzo(a,h)anthracene	1.218	1.119	0.200	-8.1382	30.0
Benzo(g,h,i)perylene	1.133	1.042	0.200	-8.0065	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.383	0.040	4.2637	20.0
1,4-Dioxane-d8	0.464	0.452	0.010	-2.4578	25.0
Pyridine-d5	1.459	1.345	0.010	-7.8251	40.0
Phenol-d5	1.909	1.830	0.010	-4.1576	25.0
Bis-(2-Chloroethyl)ether-d8	1.175	1.153	0.050	-1.8406	25.0
2-Chlorophenol-d4	1.368	1.354	0.200	-0.9958	20.0
4-Methylphenol-d8	1.590	1.495	0.010	-5.9844	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12: 23:41

Lab File ID: BG062312.D Init. Calib. Date(s):

EPA Sample No.: SSTD020596 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.142	0.050	14.878	20.0
2-Nitrophenol-d4	0.116	0.152	0.050	31.2136	30.0
2,4-Dichlorophenol-d3	0.337	0.358	0.060	6.3187	20.0
4-Chloroaniline-d4	0.489	0.462	0.010	-5.5351	40.0
Dimethylphthalate-d6	1.543	1.381	0.300	-10.4819	20.0
Acenaphthylene-d8	1.750	1.609	0.400	-8.0409	20.0
4-Nitrophenol-d4	0.216	0.227	0.010	4.9711	40.0
Fluorene-d10	1.385	1.299	0.100	-6.1877	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.080	0.010	34.7513	40.0
Anthracene-d10	0.965	0.910	0.300	-5.6853	20.0
Pyrene-d10	1.189	1.090	0.300	-8.2821	25.0
Benzo(a)pyrene-d12	1.069	1.000	0.010	-6.4374	20.0

All other compounds must meet a minimum RRF of 0.010.

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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:	SBLK446			SDG No.:	BG080824
Lab Sample ID:	PB162446BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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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:	SBLK446			SDG No.:	BG080824
Lab Sample ID:	PB162446BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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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:	SBLK446			SDG No.:	BG080824
Lab Sample ID:	PB162446BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.398		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.37		20-120		61	SPK: -40
4165-62-2	Phenol-d5	26.597		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.555		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.93		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.576		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	32.796		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.986		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.44		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.788		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.07		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.315		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.044		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.62		25-125		64	SPK: -40

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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:	SBLK446			SDG No.:	BG080824
Lab Sample ID:	PB162446BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.583		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	26.733		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.768		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.205		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60872	7.961				
1146-65-2	Naphthalene-d8	279657	10.751				
15067-26-2	Acenaphthene-d10	229487	14.576				
1517-22-2	Phenanthrene-d10	483647	17.313				
1719-03-5	Chrysene-d12	476843	21.554				
1520-96-3	Perylene-d12	556069	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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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:	SBLK447			SDG No.:	BG080824
Lab Sample ID:	PB162447BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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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:	SBLK447			SDG No.:	BG080824
Lab Sample ID:	PB162447BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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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:	SBLK447			SDG No.:	BG080824
Lab Sample ID:	PB162447BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.289		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	22.591		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.679		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.878		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.681		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.311		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.745		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.627		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.718		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.308		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.226		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.966		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.64		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	25.242		25-125		63	SPK: -40

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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:	SBLK447			SDG No.:	BG080824
Lab Sample ID:	PB162447BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.178		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.708		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.812		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.015		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13744	7.963				
1146-65-2	Naphthalene-d8	52074	10.753				
15067-26-2	Acenaphthene-d10	35186	14.572				
1517-22-2	Phenanthrene-d10	71675	17.315				
1719-03-5	Chrysene-d12	71384	21.55				
1520-96-3	Perylene-d12	74156	24.634				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8			SDG No.:	BG080824
Lab Sample ID:	P3437-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8			SDG No.:	BG080824
Lab Sample ID:	P3437-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8			SDG No.:	BG080824
Lab Sample ID:	P3437-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.651		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	15.224		20-120		38	SPK: -40
4165-62-2	Phenol-d5	15.311		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.711		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.344		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.532		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	25.628		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.285		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.87		20-120		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.505		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.148		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.195		10-130		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.407		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.548		25-125		54	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8			SDG No.:	BG080824
Lab Sample ID:	P3437-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.201		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	22.713		25-130		57	SPK: -40
1718-52-1	Pyrene-d10	22.904		15-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.366		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56877	7.958				
1146-65-2	Naphthalene-d8	269439	10.748				
15067-26-2	Acenaphthene-d10	219848	14.578				
1517-22-2	Phenanthrene-d10	472370	17.315				
1719-03-5	Chrysene-d12	472445	21.551				
1520-96-3	Perylene-d12	547821	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.8	J			11.482	
	unknown-01	18	J			14.801	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9			SDG No.:	BG080824
Lab Sample ID:	P3437-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9			SDG No.:	BG080824
Lab Sample ID:	P3437-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9			SDG No.:	BG080824
Lab Sample ID:	P3437-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.046		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	11.086		20-120		28	SPK: -40
4165-62-2	Phenol-d5	12.267		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.93		25-120		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.191		20-130		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.451		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.697		20-125		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.695		20-130		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.661		20-120		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.947		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.572		25-130		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.692		10-130		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.164		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	12.819		25-125		32	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9			SDG No.:	BG080824
Lab Sample ID:	P3437-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.695		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.333		25-130		33	SPK: -40
1718-52-1	Pyrene-d10	13.321		15-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.134		20-130		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68948	7.958				
1146-65-2	Naphthalene-d8	317005	10.749				
15067-26-2	Acenaphthene-d10	263337	14.573				
1517-22-2	Phenanthrene-d10	562019	17.316				
1719-03-5	Chrysene-d12	559000	21.552				
1520-96-3	Perylene-d12	648089	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2			SDG No.:	BG080824
Lab Sample ID:	P3437-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2			SDG No.:	BG080824
Lab Sample ID:	P3437-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2			SDG No.:	BG080824
Lab Sample ID:	P3437-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.36		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	8.939		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.166		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.872		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.12		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.788		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	27.633		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.654		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.38		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.303		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.663		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.909		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.348		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	23.586		25-125		59	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2			SDG No.:	BG080824
Lab Sample ID:	P3437-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.024		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	24.592		25-130		61	SPK: -40
1718-52-1	Pyrene-d10	25.349		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.916		20-130		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57987	7.96				
1146-65-2	Naphthalene-d8	267542	10.75				
15067-26-2	Acenaphthene-d10	213783	14.574				
1517-22-2	Phenanthrene-d10	457164	17.312				
1719-03-5	Chrysene-d12	449779	21.553				
1520-96-3	Perylene-d12	522729	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.3	J			3.683	
000770-35-4	1-Phenoxypropan-2-ol	4.9	J			11.485	
	unknown-02	20	J			14.804	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.217	
	(DEL) Alkane: Straight-Chain21.230	3.7	J			21.23	
007683-64-9	Supraene	2.4	J			23.227	
E966796	Total Alkanes	3.7				99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4			SDG No.:	BG080824
Lab Sample ID:	P3437-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4			SDG No.:	BG080824
Lab Sample ID:	P3437-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4			SDG No.:	BG080824
Lab Sample ID:	P3437-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.801		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	8.514		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.865		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.291		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.381		20-130		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.239		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	23.373		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.516		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.791		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.435		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.027		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	19.682		10-130		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.239		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	21.106		25-125		53	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4			SDG No.:	BG080824
Lab Sample ID:	P3437-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.842		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	22.773		25-130		57	SPK: -40
1718-52-1	Pyrene-d10	23.507		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.876		20-130		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72641	7.958				
1146-65-2	Naphthalene-d8	333768	10.754				
15067-26-2	Acenaphthene-d10	270827	14.573				
1517-22-2	Phenanthrene-d10	569869	17.316				
1719-03-5	Chrysene-d12	553493	21.551				
1520-96-3	Perylene-d12	637643	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	2.9	J			3.681	
000770-35-4	1-Phenoxypropan-2-ol	4.8	J			11.483	
	unknown-01	16	J			14.808	
000057-10-3	n-Hexadecanoic acid	7.9	J			18.221	
001002-84-2	Pentadecanoic acid	2.6	J			19.49	
	(DEL) Alkane: Straight-Chain21.234	4.3	J			21.234	
007683-64-9	Supraene	3	J			23.232	
E966796	Total Alkanes	4.3				99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5			SDG No.:	BG080824
Lab Sample ID:	P3437-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5			SDG No.:	BG080824
Lab Sample ID:	P3437-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5			SDG No.:	BG080824
Lab Sample ID:	P3437-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.763		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	5.359	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.305		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.73		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.621		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	17.035		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.949		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.696		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.959		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.565		1-146		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.668		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.196		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.216		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	25.443		25-125		64	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5			SDG No.:	BG080824
Lab Sample ID:	P3437-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.325		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	27.711		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	29.265		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.333		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66261	7.958				
1146-65-2	Naphthalene-d8	304225	10.754				
15067-26-2	Acenaphthene-d10	250975	14.578				
1517-22-2	Phenanthrene-d10	527006	17.315				
1719-03-5	Chrysene-d12	511306	21.551				
1520-96-3	Perylene-d12	598240	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	7.2	J			18.22	
000645-72-7	1-Hexadecanol, 3,7,11,15-tetrameth	2.7	J			19.019	
000057-11-4	Octadecanoic acid	3.1	J			19.489	
1000282-98-2	Dichloroacetic acid, heptadecyl es	2.3	J			21.234	
1000426-96-0	(4E,8E,13E)-1-(2-Hydroxyethyl)-1,5	2.3	J			22.526	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	3	J			22.72	
1000377-93-5	Phthalic acid, di(2-propylpentyl)	8.7	J			23.231	
	unknown-01	2.7	J			30.039	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9			SDG No.:	BG080824
Lab Sample ID:	P3437-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	2.5	J	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	J	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9			SDG No.:	BG080824
Lab Sample ID:	P3437-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.6	J	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9			SDG No.:	BG080824
Lab Sample ID:	P3437-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.453		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.327		20-120		23	SPK: -40
4165-62-2	Phenol-d5	8.326		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.275		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.553		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.473		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	27.508		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.114		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.679		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.586		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.453		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	22.887		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.95		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	24.96		25-125		62	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9			SDG No.:	BG080824
Lab Sample ID:	P3437-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.551		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	25.601		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	26.982		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.248		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52835	7.961				
1146-65-2	Naphthalene-d8	243136	10.751				
15067-26-2	Acenaphthene-d10	198362	14.576				
1517-22-2	Phenanthrene-d10	441042	17.313				
1719-03-5	Chrysene-d12	429566	21.554				
1520-96-3	Perylene-d12	500645	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	5.9	J			11.486	
000134-62-3	Diethyltoluamide	17	J			15.316	
000057-10-3	n-Hexadecanoic acid	10	J			18.218	
000057-11-4	Octadecanoic acid	2.4	J			19.486	
	(DEL) Alkane: Cyclic21.231	6.4	J			21.231	
	unknown-01	3.3	J			22.659	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	2.2	J			22.717	
	unknown-02	3.8	J			23.229	
	unknown-03	3.1	J			30.031	
E966796	Total Alkanes	6.4				99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7			SDG No.:	BG080824
Lab Sample ID:	P3437-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7			SDG No.:	BG080824
Lab Sample ID:	P3437-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7			SDG No.:	BG080824
Lab Sample ID:	P3437-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.177		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	7.54	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	6.215		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.817		25-120		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.997		20-130		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.66		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	15		20-125		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.478		20-130		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.24		20-120		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.216		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.77		25-130		32	SPK: -40
93951-97-4	Acenaphthylene-d8	11.902		10-130		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.923		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	12.496		25-125		31	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7			SDG No.:	BG080824
Lab Sample ID:	P3437-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.477		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	13.973		25-130		35	SPK: -40
1718-52-1	Pyrene-d10	14.478		15-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.519		20-130		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66749	7.956				
1146-65-2	Naphthalene-d8	308939	10.752				
15067-26-2	Acenaphthene-d10	242338	14.576				
1517-22-2	Phenanthrene-d10	512665	17.314				
1719-03-5	Chrysene-d12	496541	21.555				
1520-96-3	Perylene-d12	572188	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	2.1	J			9.671	
006180-61-6	1-Propanol, 3-phenoxy-	6.4	J			11.486	
	unknown-01	15	J			14.805	
000057-10-3	n-Hexadecanoic acid	8.9	J			18.218	
000057-11-4	Octadecanoic acid	2.7	J			19.487	
079392-43-1	Octadecyl trifluoroacetate	7.5	J			21.232	
007683-64-9	Supraene	2.1	J			23.229	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS			SDG No.:	BG080824
Lab Sample ID:	P3437-07MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	15		2.3	5	10	ug/L
110-86-1	Pyridine	9.4	J	2.2	10	10	ug/L
108-95-2	Phenol	6	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	14		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	13		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12		1.2	5	10	ug/L
98-86-2	Acetophenone	13		0.89	5	10	ug/L
106-44-5	4-Methylphenol	12		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	13		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	13		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	15		0.99	2.5	5	ug/L
78-59-1	Isophorone	13		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	17		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	14		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	13		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	15		0.93	2.5	5	ug/L
91-20-3	Naphthalene	13		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	12		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.5	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	17		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	13		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	14		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	15		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	16		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS			SDG No.:	BG080824
Lab Sample ID:	P3437-07MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	13		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	13		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	19		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	14		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	18		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	13		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		1.5	5	10	ug/L
83-32-9	Acenaphthene	13		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	19		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	7.5	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	13		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	19		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	13		0.87	2.5	5	ug/L
86-73-7	Fluorene	13		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	14		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	22		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	14		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	14		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	14		0.56	2.5	5	ug/L
1912-24-9	Atrazine	14		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	16		2.5	5	10	ug/L
85-01-8	Phenanthrene	14		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	13		1.2	2.5	5	ug/L
120-12-7	Anthracene	14		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	14		0.92	2.5	5	ug/L
86-74-8	Carbazole	15		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	15		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	14		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS			SDG No.:	BG080824
Lab Sample ID:	P3437-07MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	15		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	11		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	14		0.56	2.5	5	ug/L
218-01-9	Chrysene	14		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	15		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	14		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	14		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	13		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	14		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	14		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	16		1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	9.719		20-120		24	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.75		15-120		47	SPK: -8
4165-62-2	Phenol-d5	5.885		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.329		25-120		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.054		20-130		38	SPK: -40
190780-66-6	4-Methylphenol-d8	11.587		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	17.148		20-125		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.861		20-130		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.29		20-120		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.65		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.296		25-130		36	SPK: -40
93951-97-4	Acenaphthylene-d8	13.413		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.86		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	13.881		25-125		35	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS			SDG No.:	BG080824
Lab Sample ID:	P3437-07MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.36		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	14.544		25-130		36	SPK: -40
1718-52-1	Pyrene-d10	14.858		15-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.648		20-130		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70837	7.956				
1146-65-2	Naphthalene-d8	316777	10.752				
15067-26-2	Acenaphthene-d10	244148	14.576				
1517-22-2	Phenanthrene-d10	521039	17.314				
1719-03-5	Chrysene-d12	513905	21.555				
1520-96-3	Perylene-d12	592908	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	17		2.3	5	10	ug/L
110-86-1	Pyridine	11		2.2	10	10	ug/L
108-95-2	Phenol	6.9	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	16		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	15		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14		1.2	5	10	ug/L
98-86-2	Acetophenone	15		0.89	5	10	ug/L
106-44-5	4-Methylphenol	14		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	15		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	17		0.99	2.5	5	ug/L
78-59-1	Isophorone	15		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	19		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	16		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	17		0.93	2.5	5	ug/L
91-20-3	Naphthalene	14		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	13		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.8	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	19		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	15		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	15		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	17		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	18		0.8	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	15		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	15		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	21		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	15		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	20		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	14		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.5	5	10	ug/L
83-32-9	Acenaphthene	14		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	22		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	8.4	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	15		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	22		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	15		0.87	2.5	5	ug/L
86-73-7	Fluorene	15		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	15		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	25		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	16		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	15		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	16		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	16		0.56	2.5	5	ug/L
1912-24-9	Atrazine	16		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	18		2.5	5	10	ug/L
85-01-8	Phenanthrene	16		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	15		1.2	2.5	5	ug/L
120-12-7	Anthracene	15		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	15		0.92	2.5	5	ug/L
86-74-8	Carbazole	16		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	17		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	16		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD			SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	17		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	12		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	16		0.56	2.5	5	ug/L
218-01-9	Chrysene	16		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	17		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	16		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	16		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	16		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	15		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	15		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	16		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	17		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.011		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	10.503		20-120		26	SPK: -40
4165-62-2	Phenol-d5	6.534		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.283		25-120		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.421		20-130		44	SPK: -40
190780-66-6	4-Methylphenol-d8	13.674		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	19.584		20-125		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.235		20-130		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.19		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.89		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.795		25-130		39	SPK: -40
93951-97-4	Acenaphthylene-d8	14.952		10-130		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.637		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	15.364		25-125		38	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD			SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.393		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	16.189		25-130		40	SPK: -40
1718-52-1	Pyrene-d10	16.568		15-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.603		20-130		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59939	7.957				
1146-65-2	Naphthalene-d8	276507	10.748				
15067-26-2	Acenaphthene-d10	214428	14.578				
1517-22-2	Phenanthrene-d10	454270	17.315				
1719-03-5	Chrysene-d12	448651	21.557				
1520-96-3	Perylene-d12	517567	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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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:	SLCS446	SDG No.:	BG080824
Lab Sample ID:	PB162446BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	25		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	28		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	33		0.99	2.5	5	ug/L
78-59-1	Isophorone	27		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	29		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

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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:	SLCS446			SDG No.:	BG080824
Lab Sample ID:	PB162446BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	42		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	26		0.87	2.5	5	ug/L
86-73-7	Fluorene	26		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.9	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	25		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	27		0.65	5	5	ug/L

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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:	SLCS446			SDG No.:	BG080824
Lab Sample ID:	PB162446BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.495		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	24.32		20-120		61	SPK: -40
4165-62-2	Phenol-d5	28.403		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.617		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.041		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.798		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	34.789		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.457		20-130		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.897		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.436		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.737		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.109		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.785		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	26.404		25-125		66	SPK: -40

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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:	SLCS446			SDG No.:	BG080824
Lab Sample ID:	PB162446BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	46.832		10-130		117	SPK: -40
1719-06-8	Anthracene-d10	26.966		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.074		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.034		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69653	7.96				
1146-65-2	Naphthalene-d8	326631	10.75				
15067-26-2	Acenaphthene-d10	255269	14.575				
1517-22-2	Phenanthrene-d10	542768	17.318				
1719-03-5	Chrysene-d12	540182	21.559				
1520-96-3	Perylene-d12	616474	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/25/2024 12:00:00 AM
Project:				Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305			SDG No.:	BG080824
Lab Sample ID:	PB162305BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.4		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	28		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	32		0.99	2.5	5	ug/L
78-59-1	Isophorone	27		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	28		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	29		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/25/2024 12:00:00 AM
Project:				Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305			SDG No.:	BG080824
Lab Sample ID:	PB162305BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	43		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	25		0.87	2.5	5	ug/L
86-73-7	Fluorene	26		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.6	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/25/2024 12:00:00 AM
Project:				Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305			SDG No.:	BG080824
Lab Sample ID:	PB162305BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.455		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	23.063		20-120		58	SPK: -40
4165-62-2	Phenol-d5	28.445		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.512		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.738		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.377		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	34.418		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.254		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.821		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.176		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.979		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.36		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.647		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	26.658		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/25/2024 12:00:00 AM
Project:				Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305			SDG No.:	BG080824
Lab Sample ID:	PB162305BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% 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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	48.211		10-130		121	SPK: -40
1719-06-8	Anthracene-d10	26.589		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.683		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.354		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69613	7.959				
1146-65-2	Naphthalene-d8	325891	10.749				
15067-26-2	Acenaphthene-d10	252609	14.574				
1517-22-2	Phenanthrene-d10	525666	17.317				
1719-03-5	Chrysene-d12	514596	21.558				
1520-96-3	Perylene-d12	582714	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E05T8									
P3437-01	E05T8	Water	1-Phenoxypropan-2-ol	*	2.800	J			
P3437-01	E05T8	Water	unknown-01	*	18.000	J			
P3437-01	E05T8	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :			**20.80**			
			Total Concentration:			**20.80**			
Client ID : E05T9									
P3437-02	E05T9	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			
Client ID : E05W2									
P3437-03	E05W2	Water	(DEL) Alkane: Straight-Chain21.2	*	3.700	J			
P3437-03	E05W2	Water	1-Phenoxypropan-2-ol	*	4.900	J			
P3437-03	E05W2	Water	n-Hexadecanoic acid	*	5.900	J			
P3437-03	E05W2	Water	Supraene	*	2.400	J			
P3437-03	E05W2	Water	unknown-01	*	2.300	J			
P3437-03	E05W2	Water	unknown-02	*	20.000	J			
P3437-03	E05W2	Water	Total Alkanes	*	3.700		0.99	5	ug/L
			Total Tics :			**42.90**			
			Total Concentration:			**42.90**			
Client ID : E05W4									
P3437-04	E05W4	Water	(DEL) Alkane: Straight-Chain21.2	*	4.300	J			
P3437-04	E05W4	Water	(S)-(+)-1,2-Propanediol	*	2.900	J			
P3437-04	E05W4	Water	1-Phenoxypropan-2-ol	*	4.800	J			
P3437-04	E05W4	Water	n-Hexadecanoic acid	*	7.900	J			
P3437-04	E05W4	Water	Pentadecanoic acid	*	2.600	J			
P3437-04	E05W4	Water	Supraene	*	3.000	J			
P3437-04	E05W4	Water	unknown-01	*	16.000	J			
P3437-04	E05W4	Water	Total Alkanes	*	4.300		0.99	5	ug/L
			Total Tics :			**45.80**			
			Total Concentration:			**45.80**			
Client ID : E05W5									
P3437-05	E05W5	Water	(4E,8E,13E)-1-(2-Hydroxyethyl)-	*	2.300	J			
P3437-05	E05W5	Water	1,4-Benzenedicarboxylic acid, bis	*	3.000	J			
P3437-05	E05W5	Water	1-Hexadecanol, 3,7,11,15-tetrame	*	2.700	J			
P3437-05	E05W5	Water	Dichloroacetic acid, heptadecyl es	*	2.300	J			
P3437-05	E05W5	Water	n-Hexadecanoic acid	*	7.200	J			

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Hit Summary Sheet
SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3437-05	E05W5	Water	Octadecanoic acid	*	3.100	J			
P3437-05	E05W5	Water	Phthalic acid, di(2-propylpentyl)	*	8.700	J			
P3437-05	E05W5	Water	unknown-01	*	2.700	J			
P3437-05	E05W5	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**32.00**				
			Total Concentration:		**32.00**				
Client ID :	**E05W7**								
P3437-06	E05W7	Water	1-Propanol, 3-phenoxy-	*	6.400	J			
P3437-06	E05W7	Water	n-Hexadecanoic acid	*	8.900	J			
P3437-06	E05W7	Water	Octadecanoic acid	*	2.700	J			
P3437-06	E05W7	Water	Octadecyl trifluoroacetate	*	7.500	J			
P3437-06	E05W7	Water	Pentanedioic acid, dimethyl ester	*	2.100	J			
P3437-06	E05W7	Water	Supraene	*	2.100	J			
P3437-06	E05W7	Water	unknown-01	*	15.000	J			
P3437-06	E05W7	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**44.70**				
			Total Concentration:		**44.70**				
Client ID :	**E05X9**								
P3437-12	E05X9	Water	(DEL) Alkane: Cyclic21.231	*	6.400	J			
P3437-12	E05X9	Water	1,3-Benzenedicarboxylic acid, bis	*	2.200	J			
P3437-12	E05X9	Water	1-Phenoxypropan-2-ol	*	5.900	J			
P3437-12	E05X9	Water	Diethyltoluamide	*	17.000	J			
P3437-12	E05X9	Water	n-Hexadecanoic acid	*	10.000	J			
P3437-12	E05X9	Water	Octadecanoic acid	*	2.400	J			
P3437-12	E05X9	Water	unknown-01	*	3.300	J			
P3437-12	E05X9	Water	unknown-02	*	3.800	J			
P3437-12	E05X9	Water	unknown-03	*	3.100	J			
P3437-12	E05X9	Water	Total Alkanes	*	6.400		1	5.1	ug/L
			Total Tics :		**60.50**				
P3437-12	E05X9	Water	2-Methylnaphthalene		1.600	J	1.6	5.1	ug/L
P3437-12	E05X9	Water	Acenaphthene		1.600	J	1.1	5.1	ug/L
P3437-12	E05X9	Water	Naphthalene		2.500	J	0.71	5.1	ug/L
			Total Svoc :		**5.70**				
			Total Concentration:		**66.20**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.503	0.599	0.541	0.466	0.509		0.524	9.5
Benzaldehyde		1.203	1.136	1.161	0.863	0.681	1.009	22.5
Pyridine		1.602	1.525	1.482	1.532	1.443	1.517	3.9
Hexachloroethane	0.510	0.553	0.540	0.537	0.561		0.540	3.6
Nitrobenzene	0.272	0.353	0.357	0.382	0.390		0.351	13.3
Isophorone	0.781	0.938	0.857	0.844	0.799		0.844	7.3
2-Nitrophenol	0.089	0.132	0.148	0.161	0.173		0.141	23.1
2,4-Dimethylphenol	0.369	0.435	0.404	0.409	0.398		0.403	5.9
Bis(2-Chloroethoxy)methane	0.447	0.525	0.477	0.469	0.461		0.476	6.3
2,4-Dichlorophenol	0.298	0.370	0.344	0.352	0.343		0.342	7.8
Naphthalene	1.056	1.237	1.161	1.132	1.099		1.137	6.0
4-Chloroaniline		0.523	0.484	0.480	0.461	0.440	0.478	6.4
Hexachlorobutadiene	0.251	0.274	0.261	0.256	0.250		0.258	3.8
Phenol		2.088	1.974	2.009	2.007	1.993	2.014	2.2
Caprolactam		0.131	0.122	0.120	0.113	0.111	0.119	6.6
4-Chloro-3-methylphenol	0.326	0.424	0.400	0.395	0.371		0.383	9.7
1-Methylnaphthalene	0.822	0.886	0.835	0.777	0.736		0.811	7.1
2-Methylnaphthalene	0.750	0.866	0.787	0.775	0.738		0.783	6.4
Hexachlorocyclopentadiene		0.218	0.240	0.245	0.271	0.295	0.254	11.7
2,4,6-Trichlorophenol	0.315	0.394	0.401	0.389	0.395		0.379	9.5
2,4,5-Trichlorophenol	0.329	0.423	0.439	0.422	0.428		0.408	11.0
1,1-Biphenyl	1.475	1.646	1.598	1.453	1.405		1.515	6.7
2-Chloronaphthalene	1.138	1.291	1.238	1.123	1.097		1.177	7.1
2-Nitroaniline	0.212	0.271	0.319	0.348	0.350		0.300	19.6
Bis(2-Chloroethyl)ether		1.564	1.532	1.507	1.492	1.369	1.493	5.0
Dimethylphthalate	1.470	1.669	1.577	1.548	1.476		1.548	5.3
2,6-Dinitrotoluene	0.127	0.194	0.220	0.248	0.268		0.211	26.0
Acenaphthylene	1.751	2.009	1.897	1.880	1.784		1.864	5.5
3-Nitroaniline		0.232	0.233	0.259	0.249	0.230	0.241	5.3
Acenaphthene	1.331	1.486	1.404	1.387	1.331		1.388	4.6
2,4-Dinitrophenol		0.053	0.062	0.080	0.104	0.121	0.084	34.1
4-Nitrophenol		0.181	0.193	0.198	0.203	0.192	0.193	4.1
Dibenzofuran	1.869	2.010	1.978	1.910	1.819		1.917	4.1
2,4-Dinitrotoluene	0.188	0.253	0.309	0.342	0.358		0.290	24.1
Diethylphthalate	1.479	1.711	1.594	1.560	1.473		1.563	6.2
2-Chlorophenol	1.249	1.498	1.488	1.484	1.546		1.453	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.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.482	1.638	1.530	1.488	1.358		1.499	6.7
4-Chlorophenyl-phenylether	0.771	0.839	0.790	0.760	0.705		0.773	6.3
4-Nitroaniline		0.228	0.236	0.256	0.226	0.214	0.232	6.6
4,6-Dinitro-2-methylphenol		0.043	0.055	0.067	0.084	0.092	0.068	29.7
N-Nitrosodiphenylamine	0.566	0.635	0.611	0.597	0.587		0.599	4.3
1,2,4,5-Tetrachlorobenzene	0.624	0.704	0.664	0.640	0.633		0.653	4.9
4-Bromophenyl-phenylether	0.210	0.240	0.235	0.229	0.225		0.228	5.0
Hexachlorobenzene	0.252	0.284	0.270	0.263	0.257		0.265	4.8
Atrazine		0.245	0.235	0.228	0.228	0.213	0.230	5.1
Pentachlorophenol		0.111	0.127	0.143	0.157	0.160	0.140	14.8
2-Methylphenol		1.529	1.541	1.539	1.537	1.448	1.519	2.6
Phenanthrene	1.072	1.232	1.148	1.115	1.061		1.126	6.1
Pentachlorobenzene	0.306	0.317	0.319	0.312	0.313		0.313	1.6
Anthracene	1.103	1.266	1.180	1.143	1.084		1.155	6.2
1,2,3,4-Tetrachlorobenzene	0.284	0.316	0.313	0.290	0.294		0.300	4.7
Carbazole		1.050	0.984	0.961	0.926	0.817	0.947	9.1
Di-n-butylphthalate	0.989	1.208	1.176	1.151	1.113		1.127	7.5
Fluoranthene	1.281	1.452	1.345	1.358	1.283		1.344	5.2
Pyrene	1.361	1.567	1.438	1.442	1.349		1.431	6.1
Butylbenzylphthalate	0.416	0.518	0.499	0.521	0.516		0.494	9.0
3,3-Dichlorobenzidine		0.516	0.468	0.472	0.428	0.367	0.450	12.4
2,2-oxybis(1-Chloropropane)		3.214	3.117	3.019	3.050	2.850	3.050	4.4
Benzo(a)anthracene	1.394	1.591	1.465	1.461	1.413		1.465	5.3
Chrysene	1.340	1.491	1.384	1.371	1.329		1.383	4.7
Bis(2-ethylhexyl)phthalate	0.671	0.812	0.767	0.797	0.765		0.762	7.2
Di-n-octyl phthalate		1.194	1.143	1.188	1.147	1.025	1.139	6.0
Benzo(b)fluoranthene	1.143	1.294	1.230	1.235	1.181		1.217	4.7
Benzo(k)fluoranthene	1.164	1.341	1.248	1.230	1.205		1.238	5.3
Benzo(a)pyrene	1.066	1.237	1.156	1.160	1.137		1.151	5.3
Indeno(1,2,3-cd)pyrene	1.377	1.557	1.499	1.519	1.506		1.492	4.5
Dibenzo(a,h)anthracene	1.131	1.292	1.203	1.252	1.214		1.218	5.0
Benzo(g,h,i)perylene	1.034	1.182	1.135	1.158	1.156		1.133	5.1
Acetophenone		2.696	2.604	2.570	2.490	2.301	2.532	5.9
2,3,4,6-Tetrachlorophenol	0.282	0.386	0.386	0.391	0.391		0.367	12.9
1,4-Dioxane-d8	0.406	0.512	0.461	0.465	0.475		0.464	8.2
Pyridine-d5		1.504	1.440	1.460	1.496	1.396	1.459	3.0

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.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.937	1.883	1.913	1.906	1.906	1.909	1.0
Bis-(2-Chloroethyl)ether-d8		1.236	1.205	1.169	1.163	1.103	1.175	4.2
2-Chlorophenol-d4	1.204	1.373	1.390	1.406	1.465		1.368	7.1
4-Methylphenol-d8		1.625	1.586	1.596	1.619	1.524	1.590	2.5
Nitrobenzene-d5	0.092	0.120	0.123	0.136	0.146		0.123	16.6
2-Nitrophenol-d4	0.078	0.106	0.113	0.135	0.148		0.116	23.3
2,4-Dichlorophenol-d3	0.300	0.362	0.342	0.343	0.338		0.337	6.8
4-Chloroaniline-d4		0.535	0.492	0.486	0.475	0.455	0.489	6.0
4-Methylphenol		1.751	1.695	1.702	1.722	1.634	1.701	2.6
Dimethylphthalate-d6	1.467	1.656	1.579	1.540	1.473		1.543	5.1
Acenaphthylene-d8	1.641	1.843	1.793	1.781	1.690		1.750	4.7
4-Nitrophenol-d4		0.204	0.207	0.226	0.228	0.215	0.216	5.0
Fluorene-d10	1.314	1.506	1.413	1.385	1.306		1.385	5.9
4,6-Dinitro-2-methylphenol-		0.042	0.047	0.057	0.071	0.079	0.059	26.7
Anthracene-d10	0.911	1.046	0.989	0.959	0.918		0.965	5.8
Pyrene-d10	1.126	1.281	1.200	1.194	1.143		1.189	5.1
Benzo(a)pyrene-d12	0.992	1.128	1.079	1.081	1.065		1.069	4.6
N-Nitroso-di-n-propylamine	1.159	1.402	1.409	1.386	1.372		1.346	7.8

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 00:22

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	45117	7.965	214110	10.76	160520	14.59
	UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
	LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
	EPA SAMPLE NO.						
01	SBLK446	60872	7.96	279657	10.75	229487	14.58
02	SBLK447	13744 *	7.96	52074 *	10.75	35186 *	14.57
03	E05T8	56877	7.96	269439	10.75	219848	14.58
04	E05T9	68948	7.96	317005	10.75	263337	14.57
05	E05W2	57987	7.96	267542	10.75	213783	14.57
06	E05W4	72641	7.96	333768	10.75	270827	14.57
07	E05W5	66261	7.96	304225	10.75	250975	14.58
08	E05X9	52835	7.96	243136	10.75	198362	14.58
09	E05W7	66749	7.96	308939	10.75	242338	14.58
10	E05W7MS	70837	7.96	316777	10.75	244148	14.58
11	E05W7MSD	59939	7.96	276507	10.75	214428	14.58
12	SLCS446	69653	7.96	326631	10.75	255269	14.58
13	SLCS305	69613	7.96	325891	10.75	252609	14.57

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	60810	7.958	280662	10.75	234353	14.58
	UPPER LIMIT	121620	8.458	561324	11.254	468706	15.078
	LOWER LIMIT	30405	7.458	140331	10.254	117176.5	14.078
	EPA SAMPLE NO.						
01	SBLK446	60872	7.96	279657	10.75	229487	14.58
02	SBLK447	13744 *	7.96	52074 *	10.75	35186 *	14.57
03	E05T8	56877	7.96	269439	10.75	219848	14.58
04	E05T9	68948	7.96	317005	10.75	263337	14.57
05	E05W2	57987	7.96	267542	10.75	213783	14.57
06	E05W4	72641	7.96	333768	10.75	270827	14.57
07	E05W5	66261	7.96	304225	10.75	250975	14.58
08	E05X9	52835	7.96	243136	10.75	198362	14.58
09	E05W7	66749	7.96	308939	10.75	242338	14.58
10	E05W7MS	70837	7.96	316777	10.75	244148	14.58
11	E05W7MSD	59939	7.96	276507	10.75	214428	14.58
12	SLCS446	69653	7.96	326631	10.75	255269	14.58
13	SLCS305	69613	7.96	325891	10.75	252609	14.57

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

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

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

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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 00:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	357990	17.329	353741	21.576	398635	24.672
	UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
	LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
	EPA SAMPLE NO.						
01	SBLK446	483647	17.31	476843	21.55	556069	24.64
02	SBLK447	71675 *	17.32	71384 *	21.55	74156 *	24.63
03	E05T8	472370	17.32	472445	21.55	547821	24.65
04	E05T9	562019	17.32	559000	21.55	648089	24.64
05	E05W2	457164	17.31	449779	21.55	522729	24.64
06	E05W4	569869	17.32	553493	21.55	637643	24.65
07	E05W5	527006	17.32	511306	21.55	598240	24.64
08	E05X9	441042	17.31	429566	21.55	500645	24.64
09	E05W7	512665	17.31	496541	21.56	572188	24.64
10	E05W7MS	521039	17.31	513905	21.56	592908	24.65
11	E05W7MSD	454270	17.32	448651	21.56	517567	24.64
12	SLCS446	542768	17.32	540182	21.56	616474	24.64
13	SLCS305	525666	17.32	514596	21.56	582714	24.64

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	511560	17.316	526895	21.557	604367	24.641
	UPPER LIMIT	1023120	17.816	1053790	22.057	1208734	25.141
	LOWER LIMIT	255780	16.816	263447.5	21.057	302183.5	24.141
	EPA SAMPLE NO.						
01	SBLK446	483647	17.31	476843	21.55	556069	24.64
02	SBLK447	71675 *	17.32	71384 *	21.55	74156 *	24.63
03	E05T8	472370	17.32	472445	21.55	547821	24.65
04	E05T9	562019	17.32	559000	21.55	648089	24.64
05	E05W2	457164	17.31	449779	21.55	522729	24.64
06	E05W4	569869	17.32	553493	21.55	637643	24.65
07	E05W5	527006	17.32	511306	21.55	598240	24.64
08	E05X9	441042	17.31	429566	21.55	500645	24.64
09	E05W7	512665	17.31	496541	21.56	572188	24.64
10	E05W7MS	521039	17.31	513905	21.56	592908	24.65
11	E05W7MSD	454270	17.32	448651	21.56	517567	24.64
12	SLCS446	542768	17.32	540182	21.56	616474	24.64
13	SLCS305	525666	17.32	514596	21.56	582714	24.64

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162305BS	1,4-Dioxane	16	8.4	ug/L	52				0	0	
	Benzaldehyde	40	27	ug/L	68				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	37	ug/L	93				0	0	
	2,4-Dimethylphenol	40	21	ug/L	52				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	22	ug/L	55				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	29	ug/L	73				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	38	ug/L	95				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	32	ug/L	80				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	43	ug/L	108				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0	
	Diethylphthalate	40	25	ug/L	63				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162305BS	4,6-Dinitro-2-methylphenol	40	46	ug/L	115				0	0	
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	28	ug/L	70				0	0	
	Atrazine	40	2.6	ug/L	7				0	0	
	Pentachlorophenol	40	24	ug/L	60				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	28	ug/L	70				0	0	
	Butylbenzylphthalate	40	29	ug/L	73				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0	
	Di-n-octylphthalate	40	28	ug/L	70				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB162446BS	1,4-Dioxane	16	9.1	ug/L	57				0	0	
	Benzaldehyde	40	27	ug/L	68				0	0	
	Pyridine	40	25	ug/L	63				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	38	ug/L	95				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	29	ug/L	73				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	42	ug/L	105				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0	
	Diethylphthalate	40	26	ug/L	65				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162446BS	4,6-Dinitro-2-methylphenol	40	45	ug/L	113				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	28	ug/L	70				0	0	
	Atrazine	40	2.9	ug/L	7				0	0	
	Pentachlorophenol	40	25	ug/L	63				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	27	ug/L	68				0	0	
	Pyrene	40	27	ug/L	68				0	0	
	Butylbenzylphthalate	40	29	ug/L	73				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0	
	Di-n-octylphthalate	40	29	ug/L	73				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS305

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062325.D Lab Sample ID: PB162305BS

Instrument ID: BNA_G Date Extracted: 07/25/2024

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

Level: (low/med) LOW Time Analyzed: 08:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162305BS	PB162305BS	BG062325.D	08/08/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062313.D Lab Sample ID: PB162446BL

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

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

Level: (low/med) LOW Time Analyzed: 00:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162446BS	PB162446BS	BG062324.D	08/08/2024
E05T8	P3437-01	BG062315.D	08/08/2024
E05T9	P3437-02	BG062316.D	08/08/2024
E05W2	P3437-03	BG062317.D	08/08/2024
E05W4	P3437-04	BG062318.D	08/08/2024
E05W5	P3437-05	BG062319.D	08/08/2024
E05X9	P3437-12	BG062320.D	08/08/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK447

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062314.D Lab Sample ID: PB162447BL

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

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

Level: (low/med) LOW Time Analyzed: 01:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05W7	P3437-06	BG062321.D	08/08/2024
E05W7MS	P3437-07MS	BG062322.D	08/08/2024
E05W7MSD	P3437-08MSD	BG062323.D	08/08/2024

COMMENTS:

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3437-07MS		**Client Sample ID:**	**E05W7MS**					**DataFile:**	**BG062322.D**		
1,4-Dioxane	16		3.2	ug/L	20				15	120	
Benzaldehyde	40		15	ug/L	38				0	0	
Pyridine	40		9.4	ug/L	23				0	0	
Phenol	40		6	ug/L	15				12	110	
Bis(2-chloroethyl)ether	40		13	ug/L	33				0	0	
2-Chlorophenol	40		14	ug/L	35				27	123	
2-Methylphenol	40		13	ug/L	33				0	0	
2,2-oxybis(1-Chloropropane)	40		12	ug/L	30				0	0	
Acetophenone	40		13	ug/L	33				0	0	
4-Methylphenol	40		12	ug/L	30				0	0	
N-Nitroso-di-n-propylamine	40		13	ug/L	33	*			41	116	
Hexachloroethane	40		13	ug/L	33				0	0	
Nitrobenzene	40		15	ug/L	38				0	0	
Isophorone	40		13	ug/L	33				0	0	
2-Nitrophenol	40		17	ug/L	43				0	0	
2,4-Dimethylphenol	40		14	ug/L	35				0	0	
Bis(2-chloroethoxy)methane	40		13	ug/L	33				0	0	
2,4-Dichlorophenol	40		15	ug/L	38				0	0	
Naphthalene	40		13	ug/L	33				0	0	
4-Chloroaniline	40		20	ug/L	50				0	0	
Hexachlorobutadiene	40		12	ug/L	30				0	0	
Caprolactam	40		4.5	ug/L	11				0	0	
4-Chloro-3-methylphenol	40		17	ug/L	43				23	97	
1-Methylnaphthalene	40		13	ug/L	33				0	0	
2-Methylnaphthalene	40		14	ug/L	35				0	0	
Hexachlorocyclopentadiene	40		11	ug/L	28				0	0	
2,4,6-Trichlorophenol	40		15	ug/L	38				0	0	
2,4,5-Trichlorophenol	40		16	ug/L	40				0	0	
1,1'-Biphenyl	40		13	ug/L	33				0	0	
2-Chloronaphthalene	40		13	ug/L	33				0	0	
2-Nitroaniline	40		19	ug/L	48				0	0	
Dimethylphthalate	40		14	ug/L	35				0	0	
2,6-Dinitrotoluene	40		18	ug/L	45				0	0	
Acenaphthylene	40		13	ug/L	33				0	0	
3-Nitroaniline	40		24	ug/L	60				0	0	
Acenaphthene	40		13	ug/L	33	*			46	118	
2,4-Dinitrophenol	40		19	ug/L	48				0	0	
4-Nitrophenol	40		7.5	ug/L	19				10	80	
Dibenzofuran	40		13	ug/L	33				0	0	
2,4-Dinitrotoluene	40		19	ug/L	48				24	96	
Diethylphthalate	40		13	ug/L	33				0	0	
Fluorene	40		13	ug/L	33				0	0	
4-Chlorophenyl-phenylether	40		14	ug/L	35				0	0	
4-Nitroaniline	40		22	ug/L	55				0	0	
4,6-Dinitro-2-methylphenol	40		21	ug/L	52				0	0	
N-Nitrosodiphenylamine	40		14	ug/L	35				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		14	ug/L	35				0	0	
4-Bromophenyl-phenylether	40		14	ug/L	35				0	0	
Hexachlorobenzene	40		14	ug/L	35				0	0	
Atrazine	40		14	ug/L	35				0	0	
Pentachlorophenol	40		16	ug/L	40				9	103	
Phenanthrene	40		14	ug/L	35				0	0	
Pentachlorobenzene	40		13	ug/L	33				0	0	
Anthracene	40		14	ug/L	35				0	0	
1,2,3,4-Tetrachlorobenzene	40		14	ug/L	35				0	0	
Carbazole	40		15	ug/L	38				0	0	
Di-n-butylphthalate	40		15	ug/L	38				0	0	
Fluoranthene	40		14	ug/L	35				0	0	
Pyrene	40		14	ug/L	35				26	127	
Butylbenzylphthalate	40		15	ug/L	38				0	0	
3,3'-Dichlorobenzidine	40		11	ug/L	28				0	0	
Benzo(a)anthracene	40		14	ug/L	35				0	0	
Chrysene	40		14	ug/L	35				0	0	
Bis(2-ethylhexyl)phthalate	40		15	ug/L	38				0	0	
Di-n-octylphthalate	40		15	ug/L	38				0	0	
Benzo(b)fluoranthene	40		14	ug/L	35				0	0	
Benzo(k)fluoranthene	40		14	ug/L	35				0	0	
Benzo(a)pyrene	40		13	ug/L	33				0	0	
Indeno(1,2,3-cd)pyrene	40		14	ug/L	35				0	0	
Dibenzo(a,h)anthracene	40		14	ug/L	35				0	0	
Benzo(g,h,i)perylene	40		14	ug/L	35				0	0	
2,3,4,6-Tetrachlorophenol	40		16	ug/L	40				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P3437-08MSD		**Client Sample ID:**	**E05W7MSD**						**DataFile:**	**BG062323.D**	
1,4-Dioxane	16		4.1	ug/L	26		26		15	120	50
Benzaldehyde	40		17	ug/L	43		12	*	0	0	0
Pyridine	40		11	ug/L	28		20	*	0	0	0
Phenol	40		6.9	ug/L	17		13		12	110	42
Bis(2-chloroethyl)ether	40		15	ug/L	38		14	*	0	0	0
2-Chlorophenol	40		16	ug/L	40		13		27	123	40
2-Methylphenol	40		15	ug/L	38		14	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		14	ug/L	35		15	*	0	0	0
Acetophenone	40		15	ug/L	38		14	*	0	0	0
4-Methylphenol	40		14	ug/L	35		15	*	0	0	0
N-Nitroso-di-n-propylamine	40		15	ug/L	38	*	14		41	116	38
Hexachloroethane	40		15	ug/L	38		14	*	0	0	0
Nitrobenzene	40		17	ug/L	43		12	*	0	0	0
Isophorone	40		15	ug/L	38		14	*	0	0	0
2-Nitrophenol	40		19	ug/L	48		11	*	0	0	0
2,4-Dimethylphenol	40		16	ug/L	40		13	*	0	0	0
Bis(2-chloroethoxy)methane	40		15	ug/L	38		14	*	0	0	0
2,4-Dichlorophenol	40		17	ug/L	43		12	*	0	0	0
Naphthalene	40		14	ug/L	35		6	*	0	0	0
4-Chloroaniline	40		22	ug/L	55		10	*	0	0	0
Hexachlorobutadiene	40		13	ug/L	33		10	*	0	0	0
Caprolactam	40		4.8	ug/L	12		9	*	0	0	0
4-Chloro-3-methylphenol	40		19	ug/L	48		11		23	97	42
1-Methylnaphthalene	40		15	ug/L	38		14	*	0	0	0
2-Methylnaphthalene	40		15	ug/L	38		8	*	0	0	0
Hexachlorocyclopentadiene	40		13	ug/L	33		16	*	0	0	0
2,4,6-Trichlorophenol	40		17	ug/L	43		12	*	0	0	0
2,4,5-Trichlorophenol	40		18	ug/L	45		12	*	0	0	0
1,1'-Biphenyl	40		15	ug/L	38		14	*	0	0	0
2-Chloronaphthalene	40		15	ug/L	38		14	*	0	0	0
2-Nitroaniline	40		21	ug/L	52		8	*	0	0	0
Dimethylphthalate	40		15	ug/L	38		8	*	0	0	0
2,6-Dinitrotoluene	40		20	ug/L	50		11	*	0	0	0
Acenaphthylene	40		14	ug/L	35		6	*	0	0	0
3-Nitroaniline	40		27	ug/L	68		13	*	0	0	0
Acenaphthene	40		14	ug/L	35	*	6		46	118	31
2,4-Dinitrophenol	40		22	ug/L	55		14	*	0	0	0
4-Nitrophenol	40		8.4	ug/L	21		10		10	80	50
Dibenzofuran	40		15	ug/L	38		14	*	0	0	0
2,4-Dinitrotoluene	40		22	ug/L	55		14		24	96	38
Diethylphthalate	40		15	ug/L	38		14	*	0	0	0
Fluorene	40		15	ug/L	38		14	*	0	0	0
4-Chlorophenyl-phenylether	40		15	ug/L	38		8	*	0	0	0
4-Nitroaniline	40		25	ug/L	63		14	*	0	0	0
4,6-Dinitro-2-methylphenol	40		24	ug/L	60		14	*	0	0	0
N-Nitrosodiphenylamine	40		16	ug/L	40		13	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		15	ug/L	38		8	*	0	0	0
4-Bromophenyl-phenylether	40		16	ug/L	40		13	*	0	0	0
Hexachlorobenzene	40		16	ug/L	40		13	*	0	0	0
Atrazine	40		16	ug/L	40		13	*	0	0	0
Pentachlorophenol	40		18	ug/L	45		12		9	103	50
Phenanthrene	40		16	ug/L	40		13	*	0	0	0
Pentachlorobenzene	40		15	ug/L	38		14	*	0	0	0
Anthracene	40		15	ug/L	38		8	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		15	ug/L	38		8	*	0	0	0
Carbazole	40		16	ug/L	40		5	*	0	0	0
Di-n-butylphthalate	40		17	ug/L	43		12	*	0	0	0
Fluoranthene	40		16	ug/L	40		13	*	0	0	0
Pyrene	40		16	ug/L	40		13		26	127	31
Butylbenzylphthalate	40		17	ug/L	43		12	*	0	0	0
3,3'-Dichlorobenzidine	40		12	ug/L	30		7	*	0	0	0
Benzo(a)anthracene	40		16	ug/L	40		13	*	0	0	0
Chrysene	40		16	ug/L	40		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		17	ug/L	43		12	*	0	0	0
Di-n-octylphthalate	40		16	ug/L	40		5	*	0	0	0
Benzo(b)fluoranthene	40		16	ug/L	40		13	*	0	0	0
Benzo(k)fluoranthene	40		16	ug/L	40		13	*	0	0	0
Benzo(a)pyrene	40		15	ug/L	38		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		15	ug/L	38		8	*	0	0	0
Dibenzo(a,h)anthracene	40		15	ug/L	38		8	*	0	0	0
Benzo(g,h,i)perylene	40		16	ug/L	40		13	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		17	ug/L	43		7	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162305BS	PB162305BS	BG062325.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	23.06	58		20	120
			Phenol-d5	40	28.45	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.51	69		25	120
			2-Chlorophenol-d4	40	27.74	69		20	130
			4-Methylphenol-d8	40	27.38	68		25	125
			Nitrobenzene-d5	40	34.42	86		20	125
			2-Nitrophenol-d4	40	41.25	103		20	130
			2,4-Dichlorophenol-d3	40	28.82	72		20	120
			4-Chloroaniline-d4	40	24.18	60		1	146
			Dimethylphthalate-d6	40	25.98	65		25	130
			Acenaphthylene-d8	40	26.36	66		10	130
			4-Nitrophenol-d4	40	30.65	77		10	150
			Fluorene-d10	40	26.66	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	48.21	121		10	130
			Anthracene-d10	40	26.59	66		25	130
			Pyrene-d10	40	27.68	69		15	130
			Benzo(a)pyrene-d12	40	27.35	68		20	130

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Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3437-01	E05T8	BG062315.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Pyridine-d5	40	15.22	38		20	120
			Phenol-d5	40	15.31	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.71	52		25	120
			2-Chlorophenol-d4	40	20.34	51		20	130
			4-Methylphenol-d8	40	18.53	46		25	125
			Nitrobenzene-d5	40	25.63	64		20	125
			2-Nitrophenol-d4	40	28.29	71		20	130
			2,4-Dichlorophenol-d3	40	21.87	55		20	120
			4-Chloroaniline-d4	40	20.51	51		1	146
			Dimethylphthalate-d6	40	21.15	53		25	130
			Acenaphthylene-d8	40	21.20	53		10	130
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	21.55	54		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.20	36		10	130
			Anthracene-d10	40	22.71	57		25	130
			Pyrene-d10	40	22.90	57		15	130
			Benzo(a)pyrene-d12	40	23.37	58		20	130
P3437-02	E05T9	BG062316.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	11.09	28		20	120
			Phenol-d5	40	12.27	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.93	32		25	120
			2-Chlorophenol-d4	40	13.19	33		20	130
			4-Methylphenol-d8	40	12.45	31		25	125
			Nitrobenzene-d5	40	15.70	39		20	125
			2-Nitrophenol-d4	40	17.70	44		20	130
			2,4-Dichlorophenol-d3	40	13.66	34		20	120
			4-Chloroaniline-d4	40	12.95	32		1	146
			Dimethylphthalate-d6	40	12.57	31		25	130
			Acenaphthylene-d8	40	12.69	32		10	130
			4-Nitrophenol-d4	40	9.16	23		10	150
			Fluorene-d10	40	12.82	32		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.70	27		10	130
			Anthracene-d10	40	13.33	33		25	130
			Pyrene-d10	40	13.32	33		15	130
			Benzo(a)pyrene-d12	40	13.13	33		20	130
P3437-03	E05W2	BG062317.D	1,4-Dioxane-d8	8	4.36	55		15	120
			Pyridine-d5	40	8.94	22		20	120
			Phenol-d5	40	8.17	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.87	57		25	120
			2-Chlorophenol-d4	40	23.12	58		20	130
			4-Methylphenol-d8	40	17.79	44		25	125
			Nitrobenzene-d5	40	27.63	69		20	125
			2-Nitrophenol-d4	40	31.65	79		20	130
			2,4-Dichlorophenol-d3	40	26.38	66		20	120
			4-Chloroaniline-d4	40	23.30	58		1	146
			Dimethylphthalate-d6	40	23.66	59		25	130
			Acenaphthylene-d8	40	22.91	57		10	130
			4-Nitrophenol-d4	40	7.35	18		10	150

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Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3437-03	E05W2	BG062317.D	Fluorene-d10	40	23.59	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.02	70		10	130
			Anthracene-d10	40	24.59	61		25	130
			Pyrene-d10	40	25.35	63		15	130
			Benzo(a)pyrene-d12	40	24.92	62		20	130
P3437-04	E05W4	BG062318.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Pyridine-d5	40	8.51	21		20	120
			Phenol-d5	40	6.87	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.29	48		25	120
			2-Chlorophenol-d4	40	19.38	48		20	130
			4-Methylphenol-d8	40	15.24	38		25	125
			Nitrobenzene-d5	40	23.37	58		20	125
			2-Nitrophenol-d4	40	27.52	69		20	130
			2,4-Dichlorophenol-d3	40	22.79	57		20	120
			4-Chloroaniline-d4	40	19.44	49		1	146
			Dimethylphthalate-d6	40	21.03	53		25	130
			Acenaphthylene-d8	40	19.68	49		10	130
			4-Nitrophenol-d4	40	7.24	18		10	150
			Fluorene-d10	40	21.11	53		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.84	65		10	130
			Anthracene-d10	40	22.77	57		25	130
			Pyrene-d10	40	23.51	59		15	130
			Benzo(a)pyrene-d12	40	23.88	60		20	130
P3437-05	E05W5	BG062319.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	5.36	13	*	20	120
			Phenol-d5	40	8.31	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.73	62		25	120
			2-Chlorophenol-d4	40	23.62	59		20	130
			4-Methylphenol-d8	40	17.04	43		25	125
			Nitrobenzene-d5	40	30.95	77		20	125
			2-Nitrophenol-d4	40	36.70	92		20	130
			2,4-Dichlorophenol-d3	40	27.96	70		20	120
			4-Chloroaniline-d4	40	13.57	34		1	146
			Dimethylphthalate-d6	40	25.67	64		25	130
			Acenaphthylene-d8	40	24.20	60		10	130
			4-Nitrophenol-d4	40	8.22	21		10	150
			Fluorene-d10	40	25.44	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.33	93		10	130
			Anthracene-d10	40	27.71	69		25	130
			Pyrene-d10	40	29.27	73		15	130
			Benzo(a)pyrene-d12	40	29.33	73		20	130
P3437-12	E05X9	BG062320.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	9.33	23		20	120
			Phenol-d5	40	8.33	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.28	58		25	120
			2-Chlorophenol-d4	40	22.55	56		20	130
			4-Methylphenol-d8	40	16.47	41		25	125
			Nitrobenzene-d5	40	27.51	69		20	125
			2-Nitrophenol-d4	40	32.11	80		20	130

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Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3437-12	E05X9	BG062320.D	2,4-Dichlorophenol-d3	40	25.68	64		20	120
			4-Chloroaniline-d4	40	19.59	49		1	146
			Dimethylphthalate-d6	40	24.45	61		25	130
			Acenaphthylene-d8	40	22.89	57		10	130
			4-Nitrophenol-d4	40	7.95	20		10	150
			Fluorene-d10	40	24.96	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.55	74		10	130
			Anthracene-d10	40	25.60	64		25	130
			Pyrene-d10	40	26.98	67		15	130
			Benzo(a)pyrene-d12	40	27.25	68		20	130
PB162446BL	PB162446BL	BG062313.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Pyridine-d5	40	24.37	61		20	120
			Phenol-d5	40	26.60	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.56	66		25	120
			2-Chlorophenol-d4	40	25.93	65		20	130
			4-Methylphenol-d8	40	25.58	64		25	125
			Nitrobenzene-d5	40	32.80	82		20	125
			2-Nitrophenol-d4	40	37.99	95		20	130
			2,4-Dichlorophenol-d3	40	27.44	69		20	120
			4-Chloroaniline-d4	40	25.79	64		1	146
			Dimethylphthalate-d6	40	25.07	63		25	130
			Acenaphthylene-d8	40	25.32	63		10	130
			4-Nitrophenol-d4	40	24.04	60		10	150
			Fluorene-d10	40	25.62	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.58	76		10	130
			Anthracene-d10	40	26.73	67		25	130
			Pyrene-d10	40	26.77	67		15	130
			Benzo(a)pyrene-d12	40	26.21	66		20	130
PB162446BS	PB162446BS	BG062324.D	Pyridine-d5	40	24.32	61		20	120
			1,4-Dioxane-d8	8	5.50	69		15	120
			Phenol-d5	40	28.40	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.62	69		25	120
			2-Chlorophenol-d4	40	28.04	70		20	130
			4-Methylphenol-d8	40	27.80	69		25	125
			Nitrobenzene-d5	40	34.79	87		20	125
			2-Nitrophenol-d4	40	41.46	104		20	130
			2,4-Dichlorophenol-d3	40	28.90	72		20	120
			4-Chloroaniline-d4	40	24.44	61		1	146
			Dimethylphthalate-d6	40	25.74	64		25	130
			Acenaphthylene-d8	40	26.11	65		10	130
			4-Nitrophenol-d4	40	30.79	77		10	150
			Fluorene-d10	40	26.40	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	46.83	117		10	130
			Anthracene-d10	40	26.97	67		25	130
			Pyrene-d10	40	27.07	68		15	130
			Benzo(a)pyrene-d12	40	27.03	68		20	130

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Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3437-06	E05W7	BG062321.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	7.54	19	*	20	120
			Phenol-d5	40	6.22	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.82	32		25	120
			2-Chlorophenol-d4	40	14.00	35		20	130
			4-Methylphenol-d8	40	11.66	29		25	125
			Nitrobenzene-d5	40	15.00	38		20	125
			2-Nitrophenol-d4	40	17.48	44		20	130
			2,4-Dichlorophenol-d3	40	14.24	36		20	120
			4-Chloroaniline-d4	40	18.22	46		1	146
			Dimethylphthalate-d6	40	12.77	32		25	130
			Acenaphthylene-d8	40	11.90	30		10	130
			4-Nitrophenol-d4	40	5.92	15		10	150
			Fluorene-d10	40	12.50	31		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.48	39		10	130
			Anthracene-d10	40	13.97	35		25	130
			Pyrene-d10	40	14.48	36		15	130
			Benzo(a)pyrene-d12	40	14.52	36		20	130
P3437-07MS	E05W7MS	BG062322.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	5.89	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.33	36		25	120
			2-Chlorophenol-d4	40	15.05	38		20	130
			4-Methylphenol-d8	40	11.59	29		25	125
			Nitrobenzene-d5	40	17.15	43		20	125
			2-Nitrophenol-d4	40	19.86	50		20	130
			2,4-Dichlorophenol-d3	40	16.29	41		20	120
			4-Chloroaniline-d4	40	22.65	57		1	146
			Dimethylphthalate-d6	40	14.30	36		25	130
			Acenaphthylene-d8	40	13.41	34		10	130
			4-Nitrophenol-d4	40	6.86	17		10	150
			Fluorene-d10	40	13.88	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.36	56		10	130
			Anthracene-d10	40	14.54	36		25	130
			Pyrene-d10	40	14.86	37		15	130
			Benzo(a)pyrene-d12	40	14.65	37		20	130
P3437-08MSD	E05W7MSD	BG062323.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Pyridine-d5	40	10.50	26		20	120
			Phenol-d5	40	6.53	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.28	41		25	120
			2-Chlorophenol-d4	40	17.42	44		20	130
			4-Methylphenol-d8	40	13.67	34		25	125
			Nitrobenzene-d5	40	19.58	49		20	125
			2-Nitrophenol-d4	40	22.24	56		20	130
			2,4-Dichlorophenol-d3	40	18.19	45		20	120
			4-Chloroaniline-d4	40	25.89	65		1	146
			Dimethylphthalate-d6	40	15.80	39		25	130
			Acenaphthylene-d8	40	14.95	37		10	130
			4-Nitrophenol-d4	40	7.64	19		10	150

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

Surrogate Summary

SW-846

SDG No.: BG080824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3437-08MSD	E05W7MSD	BG062323.D	Fluorene-d10	40	15.36	38		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.39	61		10	130
			Anthracene-d10	40	16.19	40		25	130
			Pyrene-d10	40	16.57	41		15	130
			Benzo(a)pyrene-d12	40	16.60	42		20	130
PB162447BL	PB162447BL	BG062314.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	22.59	56		20	120
			Phenol-d5	40	22.68	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.88	60		25	120
			2-Chlorophenol-d4	40	23.68	59		20	130
			4-Methylphenol-d8	40	20.31	51		25	125
			Nitrobenzene-d5	40	29.75	74		20	125
			2-Nitrophenol-d4	40	30.63	77		20	130
			2,4-Dichlorophenol-d3	40	23.72	59		20	120
			4-Chloroaniline-d4	40	22.31	56		1	146
			Dimethylphthalate-d6	40	25.23	63		25	130
			Acenaphthylene-d8	40	24.97	62		10	130
			4-Nitrophenol-d4	40	13.64	34		10	150
			Fluorene-d10	40	25.24	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.18	40		10	130
			Anthracene-d10	40	26.71	67		25	130
			Pyrene-d10	40	27.81	70		15	130
			Benzo(a)pyrene-d12	40	27.02	68		20	130

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG080824

Lab Code: CHEM SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062311.D DFTPP Injection Date: 08/07/2024

Instrument ID: BNA_G DFTPP Injection Time: 23:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.6
68	Less than 2.0% of mass 69	0.1 (0.5) 1
69	Mass 69 relative abundance	29.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.4
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	6.5
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.8 (19.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020596	SSTDCCC020	BG062312.D	08/07/2024	23:41
SBLK446	PB162446BL	BG062313.D	08/08/2024	00:22
SBLK447	PB162447BL	BG062314.D	08/08/2024	01:03
E05T8	P3437-01	BG062315.D	08/08/2024	01:45
E05T9	P3437-02	BG062316.D	08/08/2024	02:26
E05W2	P3437-03	BG062317.D	08/08/2024	03:07
E05W4	P3437-04	BG062318.D	08/08/2024	03:49
E05W5	P3437-05	BG062319.D	08/08/2024	04:30
E05X9	P3437-12	BG062320.D	08/08/2024	05:12
E05W7	P3437-06	BG062321.D	08/08/2024	05:53
E05W7MS	P3437-07MS	BG062322.D	08/08/2024	06:35
E05W7MSD	P3437-08MSD	BG062323.D	08/08/2024	07:16
SLCS446	PB162446BS	BG062324.D	08/08/2024	07:57
SLCS305	PB162305BS	BG062325.D	08/08/2024	08:39