CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 10:13

Lab File ID: BG062106.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.592	0.010	0.8195	40.0
Benzaldehyde	1.158	1.197	0.010	3.3715	40.0
Pyridine	1.678	1.399	0.010	-16.6177	40.0
Phenol	2.241	1.943	0.080	-13.3099	20.0
Bis(2-Chloroethyl)ether	1.721	1.402	0.100	-18.5385	20.0
2-Chlorophenol	1.530	1.564	0.200	2.2311	20.0
2-Methylphenol	1.599	1.618	0.010	1.1911	20.0
2,2-oxybis(1-Chloropropane)	3.761	2.766	0.010	-26.4615	40.0
Acetophenone	2.847	2.839	0.060	-0.2842	20.0
4-Methylphenol	1.791	1.722	0.010	-3.8483	20.0
N-Nitroso-di-n-propylamine	1.594	1.507	0.050	-5.462	30.0
Hexachloroethane	0.664	0.703	0.100	5.9221	20.0
Nitrobenzene	0.432	0.444	0.050	2.8625	25.0
Isophorone	0.975	0.861	0.050	-11.7665	25.0
2-Nitrophenol	0.177	0.188	0.050	5.885	25.0
2,4-Dimethylphenol	0.424	0.456	0.050	7.6495	25.0
Bis(2-Chloroethoxy)methane	0.537	0.425	0.050	-20.9569	20.0
2,4-Dichlorophenol	0.315	0.354	0.060	12.5311	20.0
Naphthalene	1.099	1.104	0.200	0.5099	20.0
4-Chloroaniline	0.477	0.488	0.010	2.2992	40.0
Hexachlorobutadiene	0.237	0.283	0.040	19.4184	30.0
Caprolactam	0.123	0.112	0.010	-8.7954	40.0
4-Chloro-3-methylphenol	0.419	0.431	0.040	2.8666	25.0
1-Methylnaphthalene	0.827	0.878	0.100	6.1043	20.0
2-Methylnaphthalene	0.796	0.844	0.100	6.0059	20.0
Hexachlorocyclopentadiene	0.400	0.386	0.010	-3.4448	40.0
2,4,6-Trichlorophenol	0.399	0.417	0.090	4.5604	25.0
2,4,5-Trichlorophenol	0.438	0.450	0.100	2.6276	25.0
1,1-Biphenyl	1.541	1.565	0.200	1.5414	20.0
2-Chloronaphthalene	1.157	1.122	0.300	-2.9485	20.0
2-Nitroaniline	0.463	0.504	0.050	8.9012	40.0
Dimethylphthalate	1.582	1.610	0.300	1.8063	20.0
2,6-Dinitrotoluene	0.300	0.349	0.080	16.3346	30.0
Acenaphthylene	1.887	1.868	0.400	-1.0235	20.0
3-Nitroaniline	0.292	0.300	0.010	2.5979	40.0
Acenaphthene	1.303	1.284	0.200	-1.4487	20.0
2,4-Dinitrophenol	0.157	0.150	0.010	-4.1254	40.0
4-Nitrophenol	0.300	0.356	0.010	18.7967	40.0
Dibenzofuran	1.842	1.810	0.300	-1.6967	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 10:13

Lab File ID: BG062106.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.503	0.070	14.3055	30.0
Diethylphthalate	1.704	1.689	0.300	-0.9064	20.0
Fluorene	1.566	1.535	0.200	-2.0095	20.0
4-Chlorophenyl-phenylether	0.787	0.871	0.100	10.6906	20.0
4-Nitroaniline	0.296	0.314	0.010	5.8314	40.0
4,6-Dinitro-2-methylphenol	0.113	0.137	0.010	21.4773	40.0
N-Nitrosodiphenylamine	0.546	0.561	0.050	2.7527	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.667	0.100	11.015	20.0
4-Bromophenyl-phenylether	0.227	0.255	0.070	12.2435	20.0
Hexachlorobenzene	0.261	0.302	0.050	15.6144	25.0
Atrazine	0.216	0.238	0.010	10.5492	25.0
Pentachlorophenol	0.143	0.137	0.010	-4.4617	40.0
Phenanthrene	1.055	1.062	0.200	0.7473	20.0
Pentachlorobenzene	0.283	0.313	0.050	10.6076	20.0
Anthracene	1.090	1.099	0.200	0.8702	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.278	0.050	11.9424	20.0
Carbazole	0.917	0.933	0.050	1.7084	40.0
Di-n-butylphthalate	1.178	1.144	0.500	-2.8915	25.0
Fluoranthene	1.392	1.431	0.400	2.7708	25.0
Pyrene	1.438	1.437	0.400	-0.089	25.0
Butylbenzylphthalate	0.604	0.573	0.100	-5.0491	40.0
3,3-Dichlorobenzidine	0.476	0.545	0.010	14.6225	40.0
Benzo(a)anthracene	1.448	1.462	0.300	0.986	30.0
Chrysene	1.356	1.379	0.200	1.7528	30.0
Bis(2-ethylhexyl)phthalate	0.866	0.794	0.200	-8.3015	40.0
Di-n-octyl phthalate	1.222	1.169	0.010	-4.362	40.0
Benzo(b)fluoranthene	1.260	1.316	0.200	4.4629	25.0
Benzo(k)fluoranthene	1.257	1.284	0.200	2.1926	25.0
Benzo(a)pyrene	1.193	1.249	0.200	4.6827	20.0
Indeno(1,2,3-cd)pyrene	1.525	1.648	0.200	8.0929	25.0
Dibenzo(a,h)anthracene	1.259	1.363	0.200	8.2548	30.0
Benzo(g,h,i)perylene	1.213	1.347	0.200	11.0434	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.377	0.040	-4.7555	20.0
1,4-Dioxane-d8	0.532	0.572	0.010	7.4793	25.0
Pyridine-d5	1.636	1.463	0.010	-10.5845	40.0
Phenol-d5	2.189	2.035	0.010	-7.0161	25.0
Bis-(2-Chloroethyl)ether-d8	1.386	1.096	0.050	-20.9508	25.0
2-Chlorophenol-d4	1.501	1.517	0.200	1.0434	20.0
4-Methylphenol-d8	1.723	1.723	0.010	-0.0078	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 10:13

Lab File ID: BG062106.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.155	0.050	1.8807	20.0
2-Nitrophenol-d4	0.174	0.205	0.050	18.1058	30.0
2,4-Dichlorophenol-d3	0.335	0.368	0.060	9.8922	20.0
4-Chloroaniline-d4	0.486	0.487	0.010	0.1143	40.0
Dimethylphthalate-d6	1.644	1.670	0.300	1.5602	20.0
Acenaphthylene-d8	1.719	1.765	0.400	2.6287	20.0
4-Nitrophenol-d4	0.263	0.222	0.010	-15.3849	40.0
Fluorene-d10	1.384	1.430	0.100	3.3404	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.123	0.010	17.01	40.0
Anthracene-d10	0.934	0.958	0.300	2.5785	20.0
Pyrene-d10	1.176	1.241	0.300	5.5057	25.0
Benzo(a)pyrene-d12	0.992	1.040	0.010	4.8812	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 16:25

Lab File ID: BG062115.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.497	0.010	-15.4479	40.0
Benzaldehyde	1.158	1.239	0.010	7.0007	40.0
Pyridine	1.678	1.422	0.010	-15.2458	40.0
Phenol	2.241	1.943	0.080	-13.2859	20.0
Bis(2-Chloroethyl)ether	1.721	1.339	0.100	-22.205	20.0
2-Chlorophenol	1.530	1.496	0.200	-2.2137	20.0
2-Methylphenol	1.599	1.516	0.010	-5.2173	20.0
2,2-oxybis(1-Chloropropane)	3.761	2.573	0.010	-31.5831	40.0
Acetophenone	2.847	2.764	0.060	-2.9154	20.0
4-Methylphenol	1.791	1.755	0.010	-1.9926	20.0
N-Nitroso-di-n-propylamine	1.594	1.422	0.050	-10.8011	30.0
Hexachloroethane	0.664	0.742	0.100	11.7776	20.0
Nitrobenzene	0.432	0.448	0.050	3.692	25.0
Isophorone	0.975	0.811	0.050	-16.8281	25.0
2-Nitrophenol	0.177	0.183	0.050	3.2179	25.0
2,4-Dimethylphenol	0.424	0.446	0.050	5.1483	25.0
Bis(2-Chloroethoxy)methane	0.537	0.404	0.050	-24.8646	20.0
2,4-Dichlorophenol	0.315	0.342	0.060	8.7276	20.0
Naphthalene	1.099	1.118	0.200	1.8003	20.0
4-Chloroaniline	0.477	0.476	0.010	-0.3184	40.0
Hexachlorobutadiene	0.237	0.277	0.040	16.7937	30.0
Caprolactam	0.123	0.114	0.010	-7.2563	40.0
4-Chloro-3-methylphenol	0.419	0.433	0.040	3.2856	25.0
1-Methylnaphthalene	0.827	0.843	0.100	1.9181	20.0
2-Methylnaphthalene	0.796	0.844	0.100	6.0907	20.0
Hexachlorocyclopentadiene	0.400	0.400	0.010	0.0171	40.0
2,4,6-Trichlorophenol	0.399	0.415	0.090	4.15	25.0
2,4,5-Trichlorophenol	0.438	0.454	0.100	3.5667	25.0
1,1-Biphenyl	1.541	1.550	0.200	0.5975	20.0
2-Chloronaphthalene	1.157	1.161	0.300	0.3946	20.0
2-Nitroaniline	0.463	0.476	0.050	2.7838	40.0
Dimethylphthalate	1.582	1.500	0.300	-5.1785	20.0
2,6-Dinitrotoluene	0.300	0.342	0.080	14.0692	30.0
Acenaphthylene	1.887	1.886	0.400	-0.032	20.0
3-Nitroaniline	0.292	0.321	0.010	10.0323	40.0
Acenaphthene	1.303	1.277	0.200	-1.9909	20.0
2,4-Dinitrophenol	0.157	0.118	0.010	-24.9949	40.0
4-Nitrophenol	0.300	0.350	0.010	16.622	40.0
Dibenzofuran	1.842	1.875	0.300	1.8206	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 16:25

Lab File ID: BG062115.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.499	0.070	13.3091	30.0
Diethylphthalate	1.704	1.665	0.300	-2.2755	20.0
Fluorene	1.566	1.549	0.200	-1.0825	20.0
4-Chlorophenyl-phenylether	0.787	0.840	0.100	6.7328	20.0
4-Nitroaniline	0.296	0.333	0.010	12.3272	40.0
4,6-Dinitro-2-methylphenol	0.113	0.114	0.010	0.9744	40.0
N-Nitrosodiphenylamine	0.546	0.558	0.050	2.1292	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.650	0.100	8.2835	20.0
4-Bromophenyl-phenylether	0.227	0.258	0.070	13.8029	20.0
Hexachlorobenzene	0.261	0.302	0.050	15.7778	25.0
Atrazine	0.216	0.241	0.010	11.755	25.0
Pentachlorophenol	0.143	0.087	0.010	-39.2757	40.0
Phenanthrene	1.055	1.049	0.200	-0.5592	20.0
Pentachlorobenzene	0.283	0.340	0.050	20.0828	20.0
Anthracene	1.090	1.078	0.200	-1.0913	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.302	0.050	21.568	20.0
Carbazole	0.917	0.913	0.050	-0.471	40.0
Di-n-butylphthalate	1.178	1.140	0.500	-3.1901	25.0
Fluoranthene	1.392	1.408	0.400	1.1308	25.0
Pyrene	1.438	1.448	0.400	0.6979	25.0
Butylbenzylphthalate	0.604	0.558	0.100	-7.4759	40.0
3,3-Dichlorobenzidine	0.476	0.550	0.010	15.6259	40.0
Benzo(a)anthracene	1.448	1.452	0.300	0.2475	30.0
Chrysene	1.356	1.352	0.200	-0.2819	30.0
Bis(2-ethylhexyl)phthalate	0.866	0.764	0.200	-11.7866	40.0
Di-n-octyl phthalate	1.222	1.158	0.010	-5.2092	40.0
Benzo(b)fluoranthene	1.260	1.262	0.200	0.1232	25.0
Benzo(k)fluoranthene	1.257	1.301	0.200	3.5707	25.0
Benzo(a)pyrene	1.193	1.213	0.200	1.6375	20.0
Indeno(1,2,3-cd)pyrene	1.525	1.605	0.200	5.2388	25.0
Dibenzo(a,h)anthracene	1.259	1.391	0.200	10.4345	30.0
Benzo(g,h,i)perylene	1.213	1.274	0.200	5.0577	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.380	0.040	-4.0251	20.0
1,4-Dioxane-d8	0.532	0.384	0.010	-27.9255	25.0
Pyridine-d5	1.636	1.335	0.010	-18.4327	40.0
Phenol-d5	2.189	1.997	0.010	-8.7603	25.0
Bis-(2-Chloroethyl)ether-d8	1.386	1.071	0.050	-22.7053	25.0
2-Chlorophenol-d4	1.501	1.514	0.200	0.8639	20.0
4-Methylphenol-d8	1.723	1.566	0.010	-9.1547	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/17/2024 12 16:25

Lab File ID: BG062115.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.159	0.050	4.7874	20.0
2-Nitrophenol-d4	0.174	0.192	0.050	10.601	30.0
2,4-Dichlorophenol-d3	0.335	0.368	0.060	9.8327	20.0
4-Chloroaniline-d4	0.486	0.494	0.010	1.467	40.0
Dimethylphthalate-d6	1.644	1.592	0.300	-3.206	20.0
Acenaphthylene-d8	1.719	1.721	0.400	0.1218	20.0
4-Nitrophenol-d4	0.263	0.201	0.010	-23.3397	40.0
Fluorene-d10	1.384	1.410	0.100	1.8822	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.116	0.010	10.4581	40.0
Anthracene-d10	0.934	0.970	0.300	3.9119	20.0
Pyrene-d10	1.176	1.211	0.300	2.9705	25.0
Benzo(a)pyrene-d12	0.992	1.048	0.010	5.6773	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/18/2024 12 04:04

Lab File ID: BG062131.D Init. Calib. Date(s):

EPA Sample No.: SSTD020578 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.461	0.010	-21.5081	50.0
Benzaldehyde	1.158	1.175	0.010	1.4468	50.0
Pyridine	1.678	1.220	0.010	-27.3286	50.0
Phenol	2.241	2.007	0.080	-10.449	50.0
Bis(2-Chloroethyl)ether	1.721	1.352	0.100	-21.4389	50.0
2-Chlorophenol	1.530	1.548	0.200	1.2375	50.0
2-Methylphenol	1.599	1.524	0.010	-4.6844	50.0
2,2-oxybis(1-Chloropropane)	3.761	2.423	0.010	-35.5724	50.0
Acetophenone	2.847	2.605	0.060	-8.4743	50.0
4-Methylphenol	1.791	1.662	0.010	-7.2367	50.0
N-Nitroso-di-n-propylamine	1.594	1.246	0.050	-21.816	50.0
Hexachloroethane	0.664	0.634	0.100	-4.4265	50.0
Nitrobenzene	0.432	0.432	0.050	-0.0539	50.0
Isophorone	0.975	0.827	0.050	-15.1712	50.0
2-Nitrophenol	0.177	0.187	0.050	5.8005	50.0
2,4-Dimethylphenol	0.424	0.431	0.050	1.6058	50.0
Bis(2-Chloroethoxy)methane	0.537	0.416	0.050	-22.5198	50.0
2,4-Dichlorophenol	0.315	0.350	0.060	11.173	50.0
Naphthalene	1.099	1.134	0.200	3.2302	50.0
4-Chloroaniline	0.477	0.480	0.010	0.5993	50.0
Hexachlorobutadiene	0.237	0.288	0.040	21.7854	50.0
Caprolactam	0.123	0.115	0.010	-6.6155	50.0
4-Chloro-3-methylphenol	0.419	0.448	0.040	6.8941	50.0
1-Methylnaphthalene	0.827	0.848	0.100	2.5117	50.0
2-Methylnaphthalene	0.796	0.838	0.100	5.2905	50.0
Hexachlorocyclopentadiene	0.400	0.400	0.010	-0.0785	50.0
2,4,6-Trichlorophenol	0.399	0.411	0.090	3.0627	50.0
2,4,5-Trichlorophenol	0.438	0.456	0.100	4.1201	50.0
1,1-Biphenyl	1.541	1.480	0.200	-3.9578	50.0
2-Chloronaphthalene	1.157	1.163	0.300	0.5521	50.0
2-Nitroaniline	0.463	0.492	0.050	6.1242	50.0
Dimethylphthalate	1.582	1.499	0.300	-5.2458	50.0
2,6-Dinitrotoluene	0.300	0.307	0.080	2.2626	50.0
Acenaphthylene	1.887	1.792	0.400	-5.0369	50.0
3-Nitroaniline	0.292	0.307	0.010	5.114	50.0
Acenaphthene	1.303	1.258	0.200	-3.4535	50.0
2,4-Dinitrophenol	0.157	0.094	0.010	-39.838	50.0
4-Nitrophenol	0.300	0.348	0.010	16.2076	50.0
Dibenzofuran	1.842	1.819	0.300	-1.2499	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/18/2024 12 04:04

Lab File ID: BG062131.D Init. Calib. Date(s):

EPA Sample No.: SSTD020578 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.497	0.070	13.0584	50.0
Diethylphthalate	1.704	1.556	0.300	-8.6992	50.0
Fluorene	1.566	1.569	0.200	0.1535	50.0
4-Chlorophenyl-phenylether	0.787	0.844	0.100	7.3412	50.0
4-Nitroaniline	0.296	0.326	0.010	10.1269	50.0
4,6-Dinitro-2-methylphenol	0.113	0.112	0.010	-1.1985	50.0
N-Nitrosodiphenylamine	0.546	0.537	0.050	-1.6207	50.0
1,2,4,5-Tetrachlorobenzene	0.601	0.652	0.100	8.4745	50.0
4-Bromophenyl-phenylether	0.227	0.247	0.070	9.0111	50.0
Hexachlorobenzene	0.261	0.293	0.050	12.2372	50.0
Atrazine	0.216	0.237	0.010	9.985	50.0
Pentachlorophenol	0.143	0.072	0.010	-49.7065	50.0
Phenanthrene	1.055	1.062	0.200	0.6784	50.0
Pentachlorobenzene	0.283	0.322	0.050	13.7222	50.0
Anthracene	1.090	1.103	0.200	1.2015	50.0
1,2,3,4-Tetrachlorobenzene	0.248	0.267	0.050	7.4354	50.0
Carbazole	0.917	0.956	0.050	4.2513	50.0
Di-n-butylphthalate	1.178	1.120	0.500	-4.865	50.0
Fluoranthene	1.392	1.418	0.400	1.8194	50.0
Pyrene	1.438	1.466	0.400	1.9676	50.0
Butylbenzylphthalate	0.604	0.560	0.100	-7.223	50.0
3,3-Dichlorobenzidine	0.476	0.570	0.010	19.7782	50.0
Benzo(a)anthracene	1.448	1.502	0.300	3.7239	50.0
Chrysene	1.356	1.341	0.200	-1.0912	50.0
Bis(2-ethylhexyl)phthalate	0.866	0.766	0.200	-11.5823	50.0
Di-n-octyl phthalate	1.222	1.132	0.010	-7.3554	50.0
Benzo(b)fluoranthene	1.260	1.305	0.200	3.569	50.0
Benzo(k)fluoranthene	1.257	1.310	0.200	4.2516	50.0
Benzo(a)pyrene	1.193	1.240	0.200	3.9178	50.0
Indeno(1,2,3-cd)pyrene	1.525	1.638	0.200	7.4124	50.0
Dibenzo(a,h)anthracene	1.259	1.363	0.200	8.264	50.0
Benzo(g,h,i)perylene	1.213	1.298	0.200	6.9602	50.0
2,3,4,6-Tetrachlorophenol	0.396	0.393	0.040	-0.8022	50.0
1,4-Dioxane-d8	0.532	0.396	0.010	-25.6466	50.0
Pyridine-d5	1.636	1.291	0.010	-21.1077	50.0
Phenol-d5	2.189	2.011	0.010	-8.1222	50.0
Bis-(2-Chloroethyl)ether-d8	1.386	0.980	0.050	-29.2962	50.0
2-Chlorophenol-d4	1.501	1.462	0.200	-2.6364	50.0
4-Methylphenol-d8	1.723	1.542	0.010	-10.5092	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG No.: BG071724

Instrument ID: BNA_G Calibration Date/Time: 7/18/2024 12 04:04

Lab File ID: BG062131.D Init. Calib. Date(s):

EPA Sample No.: SSTD020578 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.165	0.050	8.6047	50.0
2-Nitrophenol-d4	0.174	0.215	0.050	23.5989	50.0
2,4-Dichlorophenol-d3	0.335	0.393	0.060	17.3046	50.0
4-Chloroaniline-d4	0.486	0.489	0.010	0.4514	50.0
Dimethylphthalate-d6	1.644	1.561	0.300	-5.0376	50.0
Acenaphthylene-d8	1.719	1.690	0.400	-1.7205	50.0
4-Nitrophenol-d4	0.263	0.210	0.010	-20.0929	50.0
Fluorene-d10	1.384	1.397	0.100	0.9209	50.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.110	0.010	4.2769	50.0
Anthracene-d10	0.934	0.955	0.300	2.2265	50.0
Pyrene-d10	1.176	1.221	0.300	3.7646	50.0
Benzo(a)pyrene-d12	0.992	1.059	0.010	6.7601	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BG071724
Lab Sample ID:	PB162043BL			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
BG062107.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BG071724
Lab Sample ID:	PB162043BL			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
BG062107.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BG071724
Lab Sample ID:	PB162043BL			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
BG062107.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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	5.401		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	19.774		20-120		49	SPK: -40
4165-62-2	Phenol-d5	24.025		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.289		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.953		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	23.039		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.826		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.956		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.284		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.289		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.825		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.137		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.122		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	32.527		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BG071724
Lab Sample ID:	PB162043BL			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
BG062107.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.729		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	27.999		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.844		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.921		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29299	8.043				
1146-65-2	Naphthalene-d8	161690	10.858				
15067-26-2	Acenaphthene-d10	105851	14.677				
1517-22-2	Phenanthrene-d10	304846	17.421				
1719-03-5	Chrysene-d12	267284	21.68				
1520-96-3	Perylene-d12	320454	24.906				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4			SDG No.:	BG071724
Lab Sample ID:	P3217-07			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
BG062108.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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	7.9		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

CHEMTECH
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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4			SDG No.:	BG071724
Lab Sample ID:	P3217-07			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
BG062108.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4			SDG No.:	BG071724
Lab Sample ID:	P3217-07			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
BG062108.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

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	3.336		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	7.839		20-120		20	SPK: -40
4165-62-2	Phenol-d5	8.257		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.959		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.076		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.025		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.883		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.118		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.028		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.282		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.811		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.092		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.454		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	46.458		25-125		116	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4			SDG No.:	BG071724
Lab Sample ID:	P3217-07			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
BG062108.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.052		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	34.826		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	35.73		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.322		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23689	8.042				
1146-65-2	Naphthalene-d8	114193	10.856				
15067-26-2	Acenaphthene-d10	84894	14.675				
1517-22-2	Phenanthrene-d10	268062	17.425				
1719-03-5	Chrysene-d12	233032	21.685				
1520-96-3	Perylene-d12	275966	24.905				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-36-7	Diethyl carbitol	7.1	J			8.829	
000108-43-0	Phenol, 3-chloro-	11	J			10.756	
	unknown-01	11	J			13.095	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.8	J			15.122	
	unknown-02	2.1	J			16.044	
062951-96-6	1,5,9-Undecatriene, 2,6,10-trimeth	10	J			23.336	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MS			SDG No.:	BG071724
Lab Sample ID:	P3217-08MS			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
BG062109.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5		1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	23		2.3	5.1	10	ug/L
110-86-1	Pyridine	11		2.2	10.1	10	ug/L
108-95-2	Phenol	8.7	J	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	23		1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	34		1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	22		0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20		1.2	5.1	10	ug/L
98-86-2	Acetophenone	28		0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	21		1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	26		1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	28		1	2.5	5.1	ug/L
78-59-1	Isophorone	24		1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	29		1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22		1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	34		0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	28		0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	21		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	6.2	J	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	18		3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	35		0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MS			SDG No.:	BG071724
Lab Sample ID:	P3217-08MS			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
BG062109.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	37		1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	31		1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	34		1.5	5.1	10	ug/L
83-32-9	Acenaphthene	30		1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	35		2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	14		1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	32		0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	31		0.88	2.5	5.1	ug/L
86-73-7	Fluorene	32		0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	34		1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	35		0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	23		0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5.1	10	ug/L
85-01-8	Phenanthrene	32		0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	35		1.2	2.5	5.1	ug/L
120-12-7	Anthracene	31		0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.93	2.5	5.1	ug/L
86-74-8	Carbazole	33		1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	31		0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	34		0.66	5.1	5.1	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MS			SDG No.:	BG071724
Lab Sample ID:	P3217-08MS			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
BG062109.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	35		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	33		0.57	2.5	5.1	ug/L
218-01-9	Chrysene	34		0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	31		1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.13		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	10.702		20-120		27	SPK: -40
4165-62-2	Phenol-d5	8.798		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.014		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.375		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	20.532		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	32.684		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.741		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.107		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.091		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.823		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.369		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.838		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	36.283		25-125		91	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MS			SDG No.:	BG071724
Lab Sample ID:	P3217-08MS			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
BG062109.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.737		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	36.074		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	40.545		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.178		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22957	8.047				
1146-65-2	Naphthalene-d8	115085	10.861				
15067-26-2	Acenaphthene-d10	81265	14.68				
1517-22-2	Phenanthrene-d10	195311	17.424				
1719-03-5	Chrysene-d12	208914	21.683				
1520-96-3	Perylene-d12	284310	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MSD			SDG No.:	BG071724
Lab Sample ID:	P3217-09MSD			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
BG062110.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8		1.2	0.5	2	ug/L
110-86-1	Pyridine	10		2.2	10	10	ug/L
100-52-7	Benzaldehyde	22		2.3	5	10	ug/L
108-95-2	Phenol	7.9	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	20		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	20		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18		1.2	5	10	ug/L
98-86-2	Acetophenone	26		0.89	5	10	ug/L
106-44-5	4-Methylphenol	18		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	25		0.99	2.5	5	ug/L
78-59-1	Isophorone	22		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	21		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.3	J	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	27		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MSD			SDG No.:	BG071724
Lab Sample ID:	P3217-09MSD			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
BG062110.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.5	5	10	ug/L
83-32-9	Acenaphthene	28		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	12		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	30		0.87	2.5	5	ug/L
86-73-7	Fluorene	30		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	19		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	17		2.5	5	10	ug/L
85-01-8	Phenanthrene	32		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	33		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		0.92	2.5	5	ug/L
86-74-8	Carbazole	33		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	34		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MSD			SDG No.:	BG071724
Lab Sample ID:	P3217-09MSD			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
BG062110.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		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	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		0.56	2.5	5	ug/L
218-01-9	Chrysene	32		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.488		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.994		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.586		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.622		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.125		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.684		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.003		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.776		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.78		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.628		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.824		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	32.621		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.064		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	33.939		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG4MSD			SDG No.:	BG071724
Lab Sample ID:	P3217-09MSD			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
BG062110.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.632		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	37.194		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	33.419		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.828		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23410	8.041				
1146-65-2	Naphthalene-d8	119065	10.855				
15067-26-2	Acenaphthene-d10	83047	14.674				
1517-22-2	Phenanthrene-d10	242673	17.424				
1719-03-5	Chrysene-d12	208702	21.689				
1520-96-3	Perylene-d12	241187	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/8/2024 12:00:00 AM
Project:				Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX3			SDG No.:	BG071724
Lab Sample ID:	P3177-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062111.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48	U	48	11.6	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	150	580	ug/Kg
110-86-1	Pyridine	140	U	140	290	580	ug/Kg
108-95-2	Phenol	53	U	53	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	150	580	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	75	300	ug/Kg
95-48-7	2-Methylphenol	55	U	55	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	150	580	ug/Kg
98-86-2	Acetophenone	120	U	120	150	580	ug/Kg
106-44-5	4-Methylphenol	93	U	93	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	75	300	ug/Kg
67-72-1	Hexachloroethane	110	U	110	75	300	ug/Kg
98-95-3	Nitrobenzene	110	U	110	75	300	ug/Kg
78-59-1	Isophorone	120	U	120	75	300	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	75	300	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	75	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	75	300	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	75	300	ug/Kg
91-20-3	Naphthalene	78	J	42	75	300	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	75	580	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	75	300	ug/Kg
105-60-2	Caprolactam	110	U	110	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	75	300	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	75	300	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	75	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42	U	42	75	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	75	300	ug/Kg

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Report of Analysis

Client:				Date Collected:	7/8/2024 12:00:00 AM
Project:				Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX3			SDG No.:	BG071724
Lab Sample ID:	P3177-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062111.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	75	300	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	75	300	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	75	300	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	75	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	75	300	ug/Kg
208-96-8	Acenaphthylene	51	U	51	75	300	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	150	580	ug/Kg
83-32-9	Acenaphthene	170	J	46	75	300	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	150	580	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	150	580	ug/Kg
132-64-9	Dibenzofuran	110	J	48	75	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	75	300	ug/Kg
84-66-2	Diethylphthalate	58	U	58	75	300	ug/Kg
86-73-7	Fluorene	150	J	48	75	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	75	300	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	67	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	75	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	75	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	75	300	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	75	300	ug/Kg
1912-24-9	Atrazine	49	U	49	150	580	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	580	ug/Kg
85-01-8	Phenanthrene	1700		48	75	300	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	75	300	ug/Kg
120-12-7	Anthracene	230	J	44	75	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30	U	30	75	300	ug/Kg
86-74-8	Carbazole	150	J	60	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	75	300	ug/Kg
206-44-0	Fluoranthene	1900		34	150	300	ug/Kg

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Report of Analysis

Client:				Date Collected:	7/8/2024 12:00:00 AM
Project:				Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX3			SDG No.:	BG071724
Lab Sample ID:	P3177-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062111.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	850		32	75	300	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	75	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	670		41	75	300	ug/Kg
218-01-9	Chrysene	750		42	75	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	J	44	75	300	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		65	75	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	67	75	300	ug/Kg
50-32-8	Benzo(a)pyrene	220	J	55	75	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	49	75	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	46	75	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	75	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	75	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.548		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.625		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.473		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.067		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.245		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	16.314		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.855		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.911		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.239		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.994		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.836		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.783		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.777		20-140		44	SPK: -40

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

Client:				Date Collected:	7/8/2024 12:00:00 AM
Project:				Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX3			SDG No.:	BG071724
Lab Sample ID:	P3177-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062111.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.456		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	16.775		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	11.258		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.765		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37747	8.042				
1146-65-2	Naphthalene-d8	188518	10.856				
15067-26-2	Acenaphthene-d10	130980	14.675				
1517-22-2	Phenanthrene-d10	283645	17.425				
1719-03-5	Chrysene-d12	257118	21.69				
1520-96-3	Perylene-d12	319578	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.59	
000613-12-7	Anthracene, 2-methyl-	170	J			18.3	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	250	J			18.347	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	360	J			18.488	
000084-65-1	9,10-Anthracenedione	210	J			18.835	
E966796	Total Alkanes	46	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BG071724
Lab Sample ID:	PB162043BS			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
BG062112.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	28		2.3	5	10	ug/L
110-86-1	Pyridine	28		2.2	10	10	ug/L
108-95-2	Phenol	29		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.2	5	10	ug/L
98-86-2	Acetophenone	28		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	30		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	24		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		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	31		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BG071724
Lab Sample ID:	PB162043BS			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
BG062112.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.5	5	10	ug/L
83-32-9	Acenaphthene	30		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	37		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	31		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		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	34		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		0.56	2.5	5	ug/L
1912-24-9	Atrazine	6.4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	9.6	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	31		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.2	2.5	5	ug/L
120-12-7	Anthracene	30		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.92	2.5	5	ug/L
86-74-8	Carbazole	32		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	32		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BG071724
Lab Sample ID:	PB162043BS			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
BG062112.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		0.56	2.5	5	ug/L
218-01-9	Chrysene	31		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	31		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		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	8.041		15-120		101	SPK: -8
7291-22-7	Pyridine-d5	26.112		20-120		65	SPK: -40
4165-62-2	Phenol-d5	26.863		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.234		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.991		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.827		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.017		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.026		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.172		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.71		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.947		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.991		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.053		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	31.878		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/12/2024 12:00:00 AM
Project:				Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BG071724
Lab Sample ID:	PB162043BS			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
BG062112.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.036		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	31.779		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	31.762		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.135		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19980	8.041				
1146-65-2	Naphthalene-d8	103439	10.862				
15067-26-2	Acenaphthene-d10	74743	14.675				
1517-22-2	Phenanthrene-d10	170942	17.425				
1719-03-5	Chrysene-d12	147538	21.684				
1520-96-3	Perylene-d12	174890	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4D62			SDG No.:	BG071724
Lab Sample ID:	P3201-07			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
BG062113.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4D62			SDG No.:	BG071724
Lab Sample ID:	P3201-07			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
BG062113.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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

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

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4D62			SDG No.:	BG071724
Lab Sample ID:	P3201-07			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
BG062113.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	4.652		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	13.01		20-120		33	SPK: -40
4165-62-2	Phenol-d5	7.715		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.158		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.364		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	18.831		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.643		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.885		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.158		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.834		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.095		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.888		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.644		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	34.435		25-125		86	SPK: -40

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

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4D62			SDG No.:	BG071724
Lab Sample ID:	P3201-07			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
BG062113.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.803		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	35.045		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.997		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.664		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20292	8.041				
1146-65-2	Naphthalene-d8	101160	10.856				
15067-26-2	Acenaphthene-d10	76456	14.681				
1517-22-2	Phenanthrene-d10	180400	17.425				
1719-03-5	Chrysene-d12	157050	21.684				
1520-96-3	Perylene-d12	186471	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	4	J			6.097	
	unknown-02	2.3	J			8.817	
000932-66-1	Ethanone, 1-(1-cyclohexen-1-yl)-	4.5	J			9.14	
	unknown-03	4.2	J			9.281	
000112-25-4	Ethanol, 2-(hexyloxy)-	3.6	J			9.357	
	unknown-04	2.8	J			10.074	
	unknown-05	6.6	J			10.309	
031191-08-9	5-Hydroxy-2-pyridinecarbaldehyde	2.5	J			10.633	
	unknown-06	4.5	J			12.354	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	4.9	J			13.594	
002439-54-5	1-Octanamine, N-methyl-	12	J			14.587	
013205-57-7	1-Methyldodecylamine	3.4	J			16.414	
000118-56-9	Homosalate	3.4	J			18.024	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	40	J			18.077	
000131-57-7	Oxybenzone	3.6	J			19.052	
006197-30-4	Octocrylene	4.7	J			22.348	
106010-22-4	Palmitoleamide	5.2	J			23.136	

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4D62			SDG No.:	BG071724
Lab Sample ID:	P3201-07			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
BG062113.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3			SDG No.:	BG071724
Lab Sample ID:	P3217-01			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
BG062114.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	19		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	7.5		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	230	E	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	50		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:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3			SDG No.:	BG071724
Lab Sample ID:	P3217-01			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
BG062114.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	1.2	J	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

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

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3			SDG No.:	BG071724
Lab Sample ID:	P3217-01			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
BG062114.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	4.195		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	10.139		20-120		25	SPK: -40
4165-62-2	Phenol-d5	7.298		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.076		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.319		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	16.257		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	30.983		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.226		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.383		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.805		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.044		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.956		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.102		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	28.873		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3			SDG No.:	BG071724
Lab Sample ID:	P3217-01			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
BG062114.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.948		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	31.978		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	31.911		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.38		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21994	8.046				
1146-65-2	Naphthalene-d8	107241	10.855				
15067-26-2	Acenaphthene-d10	74379	14.68				
1517-22-2	Phenanthrene-d10	156061	17.423				
1719-03-5	Chrysene-d12	141398	21.683				
1520-96-3	Perylene-d12	168897	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	4.1	J			8.939	
007322-63-6	Cyclohexanemethanol, .alpha.,.alph	10	J			10.208	
	unknown-02	6.5	J			10.255	
000770-35-4	1-Phenoxypropan-2-ol	6.9	J			11.589	
1000486-53-9	2-(4-Isopropylphenoxy)propanohydra	5.5	J			11.695	
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	6.7	J			11.759	
053172-84-2	Benzene, (1-methyl-1-butenyl)-	11	J			11.953	
	unknown-03	4.2	J			12.041	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	5	J			12.394	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	7.7	J			13.522	
000581-42-0	Naphthalene, 2,6-dimethyl-	4.5	J			13.845	
000571-58-4	Naphthalene, 1,4-dimethyl-	14	J			13.998	
000575-41-7	Naphthalene, 1,3-dimethyl-	5.1	J			14.233	
000134-62-3	Diethyltoluamide	57	J			15.42	
1000141-51-6	Bicyclo[4.2.1]nona-2,4,7-triene, 9	5.6	J			15.502	
014002-89-2	2H-1-Benzopyran-2-one, 4,6-dimethy	3.8	J			15.596	
005453-98-5	2,3-Dihydro-1H-inden-5-ylacetic ac	13	J			16.066	

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3			SDG No.:	BG071724
Lab Sample ID:	P3217-01			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
BG062114.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000399-51-9	6-Fluoroindole	7.1	J			16.101	
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	5.8	J			16.137	
	unknown-04	10	J			16.407	
000585-34-2	Phenol, m-tert-butyl-	28	J			16.495	
000537-92-8	Acetamide, N-(3-methylphenyl)-	46	J			16.554	
024518-48-7	4-(7-Methyloctyl)phenol	30	J			16.618	
	unknown-05	13	J			16.66	
	unknown-06	6.9	J			16.712	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	32	J			16.818	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	26	J			16.883	
	unknown-07	10	J			16.918	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	15	J			16.959	
000638-53-9	Tridecanoic acid	4	J			18.305	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK053			SDG No.:	BG071724
Lab Sample ID:	PB162053BL			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
BG062116.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK053			SDG No.:	BG071724
Lab Sample ID:	PB162053BL			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
BG062116.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK053			SDG No.:	BG071724
Lab Sample ID:	PB162053BL			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
BG062116.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	4.756		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	17.242		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.658		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.23		25-120		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.314		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.745		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	25.156		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.304		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.881		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.941		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.728		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.193		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.988		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.916		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK053			SDG No.:	BG071724
Lab Sample ID:	PB162053BL			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
BG062116.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.431		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	26.352		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.673		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.408		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25404	8.041				
1146-65-2	Naphthalene-d8	106372	10.855				
15067-26-2	Acenaphthene-d10	81602	14.675				
1517-22-2	Phenanthrene-d10	205067	17.424				
1719-03-5	Chrysene-d12	181595	21.684				
1520-96-3	Perylene-d12	219029	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK055			SDG No.:	BG071724
Lab Sample ID:	PB162055BL			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
BG062117.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK055			SDG No.:	BG071724
Lab Sample ID:	PB162055BL			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
BG062117.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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

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

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK055			SDG No.:	BG071724
Lab Sample ID:	PB162055BL			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
BG062117.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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	4.403		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	20.064		20-120		50	SPK: -40
4165-62-2	Phenol-d5	21.872		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.314		25-120		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.787		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.589		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.447		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.643		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.275		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.077		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.795		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.15		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.283		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	26.072		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK055			SDG No.:	BG071724
Lab Sample ID:	PB162055BL			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
BG062117.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.747		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	26.117		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	25.85		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.215		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24818	8.039				
1146-65-2	Naphthalene-d8	127053	10.859				
15067-26-2	Acenaphthene-d10	98501	14.678				
1517-22-2	Phenanthrene-d10	227217	17.422				
1719-03-5	Chrysene-d12	203012	21.682				
1520-96-3	Perylene-d12	237726	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC4			SDG No.:	BG071724
Lab Sample ID:	P3217-02			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
BG062118.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	19		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	7.2		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	230	E	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	50		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:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC4			SDG No.:	BG071724
Lab Sample ID:	P3217-02			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
BG062118.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	1.6	J	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	1.2	J	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:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC4			SDG No.:	BG071724
Lab Sample ID:	P3217-02			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
BG062118.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	3.115		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	8.616		20-120		22	SPK: -40
4165-62-2	Phenol-d5	6.952		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.6		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.158		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	17.026		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	28.843		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.319		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.115		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.675		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.331		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.257		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.847		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	28.332		25-125		71	SPK: -40

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

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC4			SDG No.:	BG071724
Lab Sample ID:	P3217-02			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
BG062118.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.847		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	30.758		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.229		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.97		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22173	8.044				
1146-65-2	Naphthalene-d8	110582	10.853				
15067-26-2	Acenaphthene-d10	86187	14.678				
1517-22-2	Phenanthrene-d10	185231	17.427				
1719-03-5	Chrysene-d12	158857	21.687				
1520-96-3	Perylene-d12	191148	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
000620-14-4	Benzene, 1-ethyl-3-methyl-	8.1	J			7.68	
	(DEL) Alkane: Straight-Chain8.943	3.5	J			8.943	
	unknown-01	3.8	J			9.149	
001195-79-5	Fenchone	4.5	J			9.284	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	4.6	J			9.731	
005114-00-1	Cyclohexanemethanol, .alpha.,.alph	9.4	J			10.212	
	unknown-02	6	J			11.587	
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	4.8	J			11.763	
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	11	J			11.951	
000585-34-2	Phenol, m-tert-butyl-	35	J			12.198	
053172-84-2	Benzene, (1-methyl-1-butenyl)-	5.7	J			12.392	
	unknown-03	4.6	J			13.009	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	7.8	J			13.526	
000581-40-8	Naphthalene, 2,3-dimethyl-	4.7	J			13.855	
000575-43-9	Naphthalene, 1,6-dimethyl-	16	J			13.996	
000575-41-7	Naphthalene, 1,3-dimethyl-	4.2	J			14.231	
	unknown-04	3.6	J			15.277	

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC4			SDG No.:	BG071724
Lab Sample ID:	P3217-02			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
BG062118.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000134-62-3	Diethyltoluamide	58	J			15.418	
006682-69-5	1H-Inden-1-one, 2,3-dihydro-5,7-di	4.9	J			15.506	
004242-18-6	1-Naphthalenecarboxylic acid, 5,6,	12	J			16.064	
	unknown-05	5.3	J			16.141	
	unknown-06	10	J			16.405	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	23	J			16.499	
	unknown-07	39	J			16.558	
024518-48-7	4-(7-Methyloctyl)phenol	25	J			16.617	
	unknown-08	12	J			16.664	
	unknown-09	5.7	J			16.717	
	unknown-10	27	J			16.816	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	22	J			16.887	
	unknown-11	9.7	J			16.922	
	unknown-12	12	J			16.957	
E966796	Total Alkanes	3.5				99	ug/L

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG5			SDG No.:	BG071724
Lab Sample ID:	P3217-10			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
BG062119.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG5			SDG No.:	BG071724
Lab Sample ID:	P3217-10			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
BG062119.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG5			SDG No.:	BG071724
Lab Sample ID:	P3217-10			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
BG062119.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	3.716		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	8.014		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.743		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.185		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.559		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.769		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	34.054		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.327		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.232		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.915		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.877		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	35.531		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.784		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	36.901		25-125		92	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZG5			SDG No.:	BG071724
Lab Sample ID:	P3217-10			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
BG062119.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.533		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	33.998		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	35.385		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.886		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22156	8.043				
1146-65-2	Naphthalene-d8	101187	10.857				
15067-26-2	Acenaphthene-d10	71040	14.676				
1517-22-2	Phenanthrene-d10	171752	17.42				
1719-03-5	Chrysene-d12	148867	21.68				
1520-96-3	Perylene-d12	177015	24.906				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.9	J			15.123	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH5			SDG No.:	BG071724
Lab Sample ID:	P3217-12			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
BG062120.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	J	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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH5			SDG No.:	BG071724
Lab Sample ID:	P3217-12			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
BG062120.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH5			SDG No.:	BG071724
Lab Sample ID:	P3217-12			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
BG062120.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

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	4.163		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	13.536		20-120		34	SPK: -40
4165-62-2	Phenol-d5	9.7		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.29		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.86		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	21.896		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	34.74		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.825		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.418		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.176		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.137		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	37.291		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.964		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	37.045		25-125		93	SPK: -40

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH5			SDG No.:	BG071724
Lab Sample ID:	P3217-12			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
BG062120.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.872		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	37.67		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.052		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.238		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20573	8.047				
1146-65-2	Naphthalene-d8	103614	10.855				
15067-26-2	Acenaphthene-d10	73726	14.68				
1517-22-2	Phenanthrene-d10	170453	17.418				
1719-03-5	Chrysene-d12	147725	21.684				
1520-96-3	Perylene-d12	175309	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-54-4	Phenol, p-tert-butyl-	3.7	J			15.121	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS055			SDG No.:	BG071724
Lab Sample ID:	PB162055BS			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
BG062121.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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
110-86-1	Pyridine	21		2.2	10	10	ug/L
100-52-7	Benzaldehyde	25		2.3	5	10	ug/L
108-95-2	Phenol	26		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	21		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	28		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18		1.2	5	10	ug/L
98-86-2	Acetophenone	26		0.89	5	10	ug/L
106-44-5	4-Methylphenol	26		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	27		0.99	2.5	5	ug/L
78-59-1	Isophorone	22		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		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	20		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		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	32		0.98	2.5	5	ug/L
105-60-2	Caprolactam	27		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	28		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	17		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS055			SDG No.:	BG071724
Lab Sample ID:	PB162055BS			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
BG062121.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		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	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	39		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		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	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		0.56	2.5	5	ug/L
1912-24-9	Atrazine	6.5	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	9	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	30		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5	ug/L
120-12-7	Anthracene	28		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.92	2.5	5	ug/L
86-74-8	Carbazole	30		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	29		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS055			SDG No.:	BG071724
Lab Sample ID:	PB162055BS			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
BG062121.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		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	25		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		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	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.606		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.564		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.968		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.033		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.237		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.28		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	29.908		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.819		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.978		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.32		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.129		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.628		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.408		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	31.266		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS055			SDG No.:	BG071724
Lab Sample ID:	PB162055BS			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
BG062121.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.23		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	29.974		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	29.651		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.069		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19824	8.044				
1146-65-2	Naphthalene-d8	100726	10.853				
15067-26-2	Acenaphthene-d10	74900	14.678				
1517-22-2	Phenanthrene-d10	183912	17.422				
1719-03-5	Chrysene-d12	166381	21.681				
1520-96-3	Perylene-d12	193362	24.901				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH6			SDG No.:	BG071724
Lab Sample ID:	P3217-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062122.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH6			SDG No.:	BG071724
Lab Sample ID:	P3217-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062122.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH6			SDG No.:	BG071724
Lab Sample ID:	P3217-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062122.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.661		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.684	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	5.794		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.041		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.143		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	13.767		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	27.716		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.8		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.259		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.624		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.255		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.317		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.266		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	30.769		25-125		77	SPK: -40

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZH6			SDG No.:	BG071724
Lab Sample ID:	P3217-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062122.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.931		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	32.64		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.935		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.432		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23487	8.042				
1146-65-2	Naphthalene-d8	112430	10.857				
15067-26-2	Acenaphthene-d10	87963	14.676				
1517-22-2	Phenanthrene-d10	210461	17.42				
1719-03-5	Chrysene-d12	181358	21.679				
1520-96-3	Perylene-d12	218248	24.899				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK3			SDG No.:	BG071724
Lab Sample ID:	P3217-15			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
BG062123.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK3			SDG No.:	BG071724
Lab Sample ID:	P3217-15			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
BG062123.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK3			SDG No.:	BG071724
Lab Sample ID:	P3217-15			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
BG062123.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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	4.796		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	7.973		20-120		20	SPK: -40
4165-62-2	Phenol-d5	6.82		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.41		25-120		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.919		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	14.233		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	27		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.793		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.196		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.456		1-146		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.973		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.332		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.111		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	29.045		25-125		73	SPK: -40

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK3			SDG No.:	BG071724
Lab Sample ID:	P3217-15			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
BG062123.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.956		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	27.943		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	30.103		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.219		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24133	8.041				
1146-65-2	Naphthalene-d8	112043	10.856				
15067-26-2	Acenaphthene-d10	82609	14.675				
1517-22-2	Phenanthrene-d10	202668	17.419				
1719-03-5	Chrysene-d12	166865	21.678				
1520-96-3	Perylene-d12	204893	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.3	J			5.127	
	unknown-02	4.9	J			5.309	
003622-84-2	Benzenesulfonamide, N-butyl-	2.3	J			17.219	
000077-94-1	Butyl citrate	9.3	J			19.692	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK5			SDG No.:	BG071724
Lab Sample ID:	P3217-16			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
BG062124.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK5			SDG No.:	BG071724
Lab Sample ID:	P3217-16			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
BG062124.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK5			SDG No.:	BG071724
Lab Sample ID:	P3217-16			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
BG062124.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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							
7291-22-7	Pyridine-d5	7.842		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.543		15-120		32	SPK: -8
4165-62-2	Phenol-d5	5.565		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.362		25-120		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.113		20-130		45	SPK: -40
190780-66-6	4-Methylphenol-d8	13.269		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	21.988		20-125		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.332		20-130		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.16		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.505		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.489		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.056		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.914		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	25.812		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK5			SDG No.:	BG071724
Lab Sample ID:	P3217-16			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
BG062124.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.113		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	25.917		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	27.141		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.447		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22536	8.04				
1146-65-2	Naphthalene-d8	109329	10.855				
15067-26-2	Acenaphthene-d10	79538	14.674				
1517-22-2	Phenanthrene-d10	182605	17.423				
1719-03-5	Chrysene-d12	153803	21.683				
1520-96-3	Perylene-d12	185776	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	10	J			8.41	
013351-29-6	2H-Inden-2-one, octahydro-3a-methy	3	J			11.26	
	unknown-01	3.3	J			11.759	
	unknown-02	2.7	J			11.959	
	unknown-03	2.9	J			12.182	
	unknown-04	2.3	J			12.459	
1000315-91-0	Oxazolidin-2-one, 4-hydroxy-4,5-bi	3.3	J			13.264	
	unknown-05	3.8	J			13.604	
	unknown-06	5.8	J			13.728	
	unknown-07	6.2	J			13.857	
	unknown-08	6.2	J			14.468	
	unknown-09	5.7	J			15.267	
	unknown-10	2.7	J			16.401	
026177-66-2	4-tert-Butylphenol, O-ethoxycarbon	2.2	J			16.495	
000579-10-2	Acetamide, N-methyl-N-phenyl-	4.9	J			16.548	
024518-48-7	4-(7-Methyloctyl)phenol	4	J			16.613	
	unknown-11	5.6	J			16.812	

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZK5			SDG No.:	BG071724
Lab Sample ID:	P3217-16			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
BG062124.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000585-34-2	Phenol, m-tert-butyl-	3.5	J			16.883	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD6			SDG No.:	BG071724
Lab Sample ID:	P3217-19			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
BG062125.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7		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	15		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	53		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	33		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	9.4		2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	140	E	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	210	E	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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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD6			SDG No.:	BG071724
Lab Sample ID:	P3217-19			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
BG062125.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2.2	J	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	1.8	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	1.1	J	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	1.7	J	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:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD6			SDG No.:	BG071724
Lab Sample ID:	P3217-19			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
BG062125.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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	2.814		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	11.813		20-120		30	SPK: -40
4165-62-2	Phenol-d5	5.242		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.178		25-120		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.666		20-130		39	SPK: -40
190780-66-6	4-Methylphenol-d8	11.544		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	19.454		20-125		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.482		20-130		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.472		20-120		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.778		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.949		25-130		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.093		10-130		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.191		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	19.295		25-125		48	SPK: -40

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD6			SDG No.:	BG071724
Lab Sample ID:	P3217-19			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
BG062125.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.377		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.343		25-130		51	SPK: -40
1718-52-1	Pyrene-d10	20.187		15-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.807		20-130		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26707	8.048				
1146-65-2	Naphthalene-d8	123428	10.862				
15067-26-2	Acenaphthene-d10	83293	14.681				
1517-22-2	Phenanthrene-d10	185258	17.425				
1719-03-5	Chrysene-d12	171041	21.685				
1520-96-3	Perylene-d12	190713	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	34	J			5.662	
000928-94-9	2-Hexen-1-ol, (Z)-	13	J			5.921	
000620-14-4	Benzene, 1-ethyl-3-methyl-	23	J			7.119	
000622-96-8	Benzene, 1-ethyl-4-methyl-	17	J			7.425	
000526-73-8	Benzene, 1,2,3-trimethyl-	56	J			7.683	
000470-82-6	Eucalyptol	39	J			8.341	
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-ene	11	J			8.412	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	34	J			8.67	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	17	J			9.146	
000576-26-1	Phenol, 2,6-dimethyl-	15	J			9.481	
000108-68-9	Phenol, 3,5-dimethyl-	37	J			10.351	
000095-65-8	Phenol, 3,4-dimethyl-	16	J			10.739	
	unknown-01	17	J			11.22	
001127-76-0	Naphthalene, 1-ethyl-	15	J			13.711	
000581-42-0	Naphthalene, 2,6-dimethyl-	33	J			13.999	
1000415-79-8	Terephthalic acid, methyl 2,3,4-tr	16	J			14.546	
000134-62-3	Diethyltoluamide	34	J			15.439	

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD6			SDG No.:	BG071724
Lab Sample ID:	P3217-19			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
BG062125.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000395-18-7	2-Propylphenol, isopropyl ether	20	J			15.509	
	unknown-02	33	J			16.403	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	75	J			16.502	
	unknown-03	140	J			16.561	
024518-48-7	4-(7-Methyloctyl)phenol	96	J			16.62	
	unknown-04	47	J			16.667	
000085-95-0	Benzestrol	26	J			16.714	
073867-45-5	2-Hydroxy-1,2-bis(2-methoxyphenyl)	26	J			16.743	
	unknown-05	17	J			16.767	
000537-92-8	Acetamide, N-(3-methylphenyl)-	82	J			16.82	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	68	J			16.884	
	unknown-06	31	J			16.925	
1010370-35-3	4-Isopropoxy-4-phenylbutyronitrile	45	J			16.961	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZF0			SDG No.:	BG071724
Lab Sample ID:	P3217-21			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
BG062126.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		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	15		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	21		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	22		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:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZF0			SDG No.:	BG071724
Lab Sample ID:	P3217-21			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
BG062126.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZF0			SDG No.:	BG071724
Lab Sample ID:	P3217-21			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
BG062126.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

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	3.563		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	11.758		20-120		29	SPK: -40
4165-62-2	Phenol-d5	5.047		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.571	*	25-120		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.475		20-130		31	SPK: -40
190780-66-6	4-Methylphenol-d8	9.894		25-125		25	SPK: -40
4165-60-0	Nitrobenzene-d5	14.162		20-125		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.889		20-130		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.217		20-120		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.052		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.157		25-130		30	SPK: -40
93951-97-4	Acenaphthylene-d8	10.398		10-130		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.26		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	10.591		25-125		26	SPK: -40

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

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZF0			SDG No.:	BG071724
Lab Sample ID:	P3217-21			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
BG062126.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.138		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	11.712		25-130		29	SPK: -40
1718-52-1	Pyrene-d10	11.929		15-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.624		20-130		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26672	8.043				
1146-65-2	Naphthalene-d8	116424	10.858				
15067-26-2	Acenaphthene-d10	85735	14.677				
1517-22-2	Phenanthrene-d10	201435	17.426				
1719-03-5	Chrysene-d12	178164	21.68				
1520-96-3	Perylene-d12	206792	24.906				
TENTATIVE IDENTIFIED COMPOUNDS							
003944-37-4	1-Propanol, 2-(1-methylethoxy)-	4.1	J			3.725	
000103-65-1	Benzene, propyl-	18	J			7.009	
000300-57-2	Benzene, 2-propenyl-	41	J			8.408	
000126-81-8	1,3-Cyclohexanedione, 5,5-dimethyl	8.8	J			8.466	
	unknown-01	14	J			8.666	
	unknown-02	27	J			9.148	
	unknown-03	4.2	J			9.489	
000527-84-4	o-Cymene	4.9	J			9.671	
	unknown-04	5.1	J			9.794	
000934-10-1	3-Phenylbut-1-ene	25	J			10.246	
	unknown-05	8.4	J			10.382	
	unknown-06	5.2	J			10.623	
	unknown-07	9.7	J			11.157	
	unknown-08	19	J			11.339	
	unknown-09	5.2	J			11.445	
	unknown-10	16	J			11.51	
002177-81-3	Methyl 2-methylhexanoate	35	J			11.768	

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZF0			SDG No.:	BG071724
Lab Sample ID:	P3217-21			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
BG062126.D	1	7/15/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000816-63-7	Heptanoic acid, 2-ethyl-, methyl e	5.9	J			11.856	
017414-15-2	1-Butene, 1-(methylthio)-, (Z)-	12	J			11.909	
000098-54-4	Phenol, p-tert-butyl-	28	J			12.197	
	unknown-11	7.7	J			12.368	
	unknown-12	5.5	J			12.573	
052067-35-3	Benzonitrile, 4-(1-hydroxyethyl)-	4.3	J			15.352	
000134-62-3	Diethyltoluamide	23	J			15.405	
002446-69-7	Phenol, 4-hexyl-	7.2	J			15.493	
1000487-65-1	Hexestrol, O-(n-propyloxycarbonyl)-	3.5	J			16.492	
	unknown-13	6.3	J			16.551	
000585-34-2	Phenol, m-tert-butyl-	5.5	J			16.61	
	unknown-14	47	J			16.833	
	(DEL) Alkane: Cyclic21.304	4.4	J			21.304	
062951-96-6	1,5,9-Undecatriene, 2,6,10-trimeth	4.3	J			23.325	
E966796	Total Alkanes	4.4				99	ug/L

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZJ8			SDG No.:	BG071724
Lab Sample ID:	P3217-22			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
BG062127.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1		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	3.3	J	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	2	J	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	15		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	6.6		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:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZJ8			SDG No.:	BG071724
Lab Sample ID:	P3217-22			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
BG062127.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162055

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:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZJ8			SDG No.:	BG071724
Lab Sample ID:	P3217-22			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
BG062127.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162055

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	3.283		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	8.351		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.979		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.108		25-120		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.285		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	14.597		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	24.296		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.806		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.521		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.946		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.198		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.259		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.262		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	27.156		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/11/2024 12:00:00 AM
Project:				Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZJ8			SDG No.:	BG071724
Lab Sample ID:	P3217-22			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
BG062127.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.504		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	27.527		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	27.094		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.992		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23937	8.045				
1146-65-2	Naphthalene-d8	112518	10.853				
15067-26-2	Acenaphthene-d10	80391	14.678				
1517-22-2	Phenanthrene-d10	186966	17.422				
1719-03-5	Chrysene-d12	168375	21.681				
1520-96-3	Perylene-d12	190406	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.2	J			3.72	
001195-79-5	Fenchone	3.1	J			9.284	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	4.6	J			10.26	
000770-35-4	1-Phenoxypropan-2-ol	3.5	J			11.587	
000098-54-4	Phenol, p-tert-butyl-	3.1	J			12.193	
000581-42-0	Naphthalene, 2,6-dimethyl-	2.9	J			13.996	
	unknown-02	3.3	J			15.13	
000134-62-3	Diethyltoluamide	3.8	J			15.406	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZL4			SDG No.:	BG071724
Lab Sample ID:	P3217-17			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
BG062128.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162078

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZL4			SDG No.:	BG071724
Lab Sample ID:	P3217-17			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
BG062128.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162078

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:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZL4			SDG No.:	BG071724
Lab Sample ID:	P3217-17			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
BG062128.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162078

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	4.712		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	8.782		20-120		22	SPK: -40
4165-62-2	Phenol-d5	7.143		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.517		25-120		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.615		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	15.989		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	32.509		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.112		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.665		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.196		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.468		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	35.63		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.056		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	34.701		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/10/2024 12:00:00 AM
Project:				Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	YDZL4			SDG No.:	BG071724
Lab Sample ID:	P3217-17			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
BG062128.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162078

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.202		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	35.38		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	35.27		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.586		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23798	8.042				
1146-65-2	Naphthalene-d8	107294	10.856				
15067-26-2	Acenaphthene-d10	76796	14.675				
1517-22-2	Phenanthrene-d10	182838	17.425				
1719-03-5	Chrysene-d12	156800	21.684				
1520-96-3	Perylene-d12	189667	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000084-16-2	Hexestrol	2.8	J			15.127	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3DL			SDG No.:	BG071724
Lab Sample ID:	P3217-01DL			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
BG062129.D	5	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6	U	6	2.5	10	ug/L
100-52-7	Benzaldehyde	11.5	U	11.5	25	50	ug/L
110-86-1	Pyridine	11	U	11	50	50	ug/L
108-95-2	Phenol	7.5	U	7.5	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	6.5	U	6.5	25	50	ug/L
95-57-8	2-Chlorophenol	6	U	6	12.5	25	ug/L
95-48-7	2-Methylphenol	4.1	U	4.1	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6	U	6	25	50	ug/L
98-86-2	Acetophenone	4.45	U	4.45	25	50	ug/L
106-44-5	4-Methylphenol	6	U	6	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	7.5	U	7.5	12.5	25	ug/L
67-72-1	Hexachloroethane	7.5	U	7.5	12.5	25	ug/L
98-95-3	Nitrobenzene	4.95	U	4.95	12.5	25	ug/L
78-59-1	Isophorone	5.5	U	5.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	23	JD	5.5	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	6	U	6	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	4.65	U	4.65	12.5	25	ug/L
91-20-3	Naphthalene	8	JD	3.5	12.5	25	ug/L
106-47-8	4-Chloroaniline	9	U	9	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	4.9	U	4.9	12.5	25	ug/L
105-60-2	Caprolactam	14.5	U	14.5	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	10	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	260	D	5	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	55	D	8	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	4.05	U	4.05	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	12.5	25	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3DL			SDG No.:	BG071724
Lab Sample ID:	P3217-01DL			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
BG062129.D	5	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.95	U	4.95	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	8.5	U	8.5	12.5	25	ug/L
131-11-3	Dimethylphthalate	6.5	U	6.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	6.5	U	6.5	12.5	25	ug/L
208-96-8	Acenaphthylene	5.5	U	5.5	12.5	25	ug/L
99-09-2	3-Nitroaniline	7.5	U	7.5	25	50	ug/L
83-32-9	Acenaphthene	5.5	U	5.5	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	14	U	14	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	4.35	U	4.35	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	5.5	U	5.5	12.5	25	ug/L
84-66-2	Diethylphthalate	4.35	U	4.35	12.5	25	ug/L
86-73-7	Fluorene	4.35	U	4.35	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.8	U	4.8	12.5	25	ug/L
100-01-6	4-Nitroaniline	6	U	6	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6	U	6	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	3.55	U	3.55	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.5	U	4.5	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	7	U	7	12.5	25	ug/L
118-74-1	Hexachlorobenzene	2.8	U	2.8	12.5	25	ug/L
1912-24-9	Atrazine	4.8	U	4.8	25	50	ug/L
87-86-5	Pentachlorophenol	12.5	U	12.5	25	50	ug/L
85-01-8	Phenanthrene	4.85	U	4.85	12.5	25	ug/L
608-93-5	Pentachlorobenzene	6	U	6	12.5	25	ug/L
120-12-7	Anthracene	3.6	U	3.6	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.6	U	4.6	12.5	25	ug/L
86-74-8	Carbazole	5	U	5	25	50	ug/L
84-74-2	Di-n-butylphthalate	4.05	U	4.05	12.5	25	ug/L
206-44-0	Fluoranthene	3.25	U	3.25	25	25	ug/L

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3DL			SDG No.:	BG071724
Lab Sample ID:	P3217-01DL			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
BG062129.D	5	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2.65	U	2.65	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	4.85	U	4.85	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	8.5	U	8.5	25	50	ug/L
56-55-3	Benzo(a)anthracene	2.8	U	2.8	12.5	25	ug/L
218-01-9	Chrysene	3.75	U	3.75	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.35	U	4.35	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	7.5	U	7.5	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	5.5	U	5.5	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	5.5	U	5.5	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6	U	6	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	5.5	U	5.5	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5	U	5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.185		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	10.28		20-120		26	SPK: -40
4165-62-2	Phenol-d5	6.75		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.305		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.56		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.545		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	35.26		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.38		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.255		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.025		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.95		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	34.22		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.9		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	32.98		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/9/2024 12:00:00 AM
Project:				Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC3DL			SDG No.:	BG071724
Lab Sample ID:	P3217-01DL			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
BG062129.D	5	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.685		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	32.29		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.915		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	17681	8.04				
1146-65-2	Naphthalene-d8	90188	10.855				
15067-26-2	Acenaphthene-d10	66403	14.674				
1517-22-2	Phenanthrene-d10	158741	17.423				
1719-03-5	Chrysene-d12	137894	21.683				
1520-96-3	Perylene-d12	166474	24.897				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	10	JD			10.214	
000585-34-2	Phenol, m-tert-butyl-	44	JD			12.2	
000575-43-9	Naphthalene, 1,6-dimethyl-	20	JD			13.998	
	unknown-02	18	JD			14.856	
000134-62-3	Diethyltoluamide	76	JD			15.402	
	unknown-03	13	JD			16.401	
1000487-38-4	2-tert-Butylphenol, O-isopropyloxy	27	JD			16.495	
000537-92-8	Acetamide, N-(3-methylphenyl)-	45	JD			16.548	
024518-48-7	4-(7-Methyloctyl)phenol	28	JD			16.613	
	unknown-04	15	JD			16.66	
000120-66-1	Acetamide, N-(2-methylphenyl)-	32	JD			16.812	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	23	JD			16.877	
000103-89-9	Acetamide, N-(4-methylphenyl)-	16	JD			16.953	
E966796	Total Alkanes	4.95	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS053			SDG No.:	BG071724
Lab Sample ID:	PB162053BS			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
BG062130.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	24		2.3	5	10	ug/L
110-86-1	Pyridine	19		2.2	10	10	ug/L
108-95-2	Phenol	25		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	20		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	27		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18		1.2	5	10	ug/L
98-86-2	Acetophenone	25		0.89	5	10	ug/L
106-44-5	4-Methylphenol	25		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	27		0.99	2.5	5	ug/L
78-59-1	Isophorone	22		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		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	20		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		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	33		0.98	2.5	5	ug/L
105-60-2	Caprolactam	25		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	17		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

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

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS053			SDG No.:	BG071724
Lab Sample ID:	PB162053BS			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
BG062130.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.5	5	10	ug/L
83-32-9	Acenaphthene	28		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	38		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	30		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		0.56	2.5	5	ug/L
1912-24-9	Atrazine	5.6	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	6.6	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		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	31		0.92	2.5	5	ug/L
86-74-8	Carbazole	29		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	30		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS053			SDG No.:	BG071724
Lab Sample ID:	PB162053BS			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
BG062130.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	26		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		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	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		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	4.793		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	18.252		20-120		46	SPK: -40
4165-62-2	Phenol-d5	25.389		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.164		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.938		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.612		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.59		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.111		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.105		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.084		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.91		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.241		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.575		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	31.945		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/15/2024 12:00:00 AM
Project:				Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS053			SDG No.:	BG071724
Lab Sample ID:	PB162053BS			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
BG062130.D	1	7/15/2024 12:00:00 AM	7/18/2024 12:00:00 AM	PB162053

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.15		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	29.188		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	30.709		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.346		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21082	8.046				
1146-65-2	Naphthalene-d8	103646	10.855				
15067-26-2	Acenaphthene-d10	73059	14.68				
1517-22-2	Phenanthrene-d10	188950	17.423				
1719-03-5	Chrysene-d12	163570	21.683				
1520-96-3	Perylene-d12	194719	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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

SDG No.: BG071724

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**A4BX3**								
P3177-10	A4BX3	Solid	1-Phenoxypropan-2-ol	*	190.000	J			
P3177-10	A4BX3	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	250.000	J			
P3177-10	A4BX3	Solid	9,10-Anthracenedione	*	210.000	J			
P3177-10	A4BX3	Solid	Anthracene, 2-methyl-	*	170.000	J			
P3177-10	A4BX3	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	360.000	J			
P3177-10	A4BX3	Solid	Total Alkanes	*	0.000		46	300	ug/Kg
			Total Tics :		**1,180.00**				
P3177-10	A4BX3	Solid	Acenaphthene		170.000	J	46	300	ug/Kg
P3177-10	A4BX3	Solid	Anthracene		230.000	J	44	300	ug/Kg
P3177-10	A4BX3	Solid	Benzo(a)anthracene		670.000		41	300	ug/Kg
P3177-10	A4BX3	Solid	Benzo(a)pyrene		220.000	J	55	300	ug/Kg
P3177-10	A4BX3	Solid	Benzo(b)fluoranthene		900.000		65	300	ug/Kg
P3177-10	A4BX3	Solid	Benzo(k)fluoranthene		260.000	J	67	300	ug/Kg
P3177-10	A4BX3	Solid	Bis(2-ethylhexyl)phthalate		230.000	J	44	300	ug/Kg
P3177-10	A4BX3	Solid	Carbazole		150.000	J	60	580	ug/Kg
P3177-10	A4BX3	Solid	Chrysene		750.000		42	300	ug/Kg
P3177-10	A4BX3	Solid	Dibenzo(a,h)anthracene		110.000	J	46	300	ug/Kg
P3177-10	A4BX3	Solid	Dibenzofuran		110.000	J	48	300	ug/Kg
P3177-10	A4BX3	Solid	Fluoranthene		1,900.000		34	300	ug/Kg
P3177-10	A4BX3	Solid	Fluorene		150.000	J	48	300	ug/Kg
P3177-10	A4BX3	Solid	Indeno(1,2,3-cd)pyrene		200.000	J	49	300	ug/Kg
P3177-10	A4BX3	Solid	Naphthalene		78.000	J	42	300	ug/Kg
P3177-10	A4BX3	Solid	Phenanthrene		1,700.000		48	300	ug/Kg
P3177-10	A4BX3	Solid	Pyrene		850.000		32	300	ug/Kg
			Total Svoc :		**8,678.00**				
			Total Concentration:		**9,858.00**				
Client ID :	**A4D62**								
P3201-07	A4D62	Water	1-Methyldodecylamine	*	3.400	J			
P3201-07	A4D62	Water	1-Octanamine, N-methyl-	*	12.000	J			
P3201-07	A4D62	Water	5-Hydroxy-2-pyridinecarbaldehyd	*	2.500	J			
P3201-07	A4D62	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	40.000	J			
P3201-07	A4D62	Water	Benzaldehyde, 3-hydroxy-4-meth	*	4.900	J			
P3201-07	A4D62	Water	Ethanol, 2-(hexyloxy)-	*	3.600	J			
P3201-07	A4D62	Water	Ethanone, 1-(1-cyclohexen-1-yl)-	*	4.500	J			
P3201-07	A4D62	Water	Homosalate	*	3.400	J			
P3201-07	A4D62	Water	Octocrylene	*	4.700	J			
P3201-07	A4D62	Water	Oxybenzone	*	3.600	J			

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3201-07	A4D62	Water	Palmitoleamide	*	5.200	J			
P3201-07	A4D62	Water	unknown-01	*	4.000	J			
P3201-07	A4D62	Water	unknown-02	*	2.300	J			
P3201-07	A4D62	Water	unknown-03	*	4.200	J			
P3201-07	A4D62	Water	unknown-04	*	2.800	J			
P3201-07	A4D62	Water	unknown-05	*	6.600	J			
P3201-07	A4D62	Water	unknown-06	*	4.500	J			
P3201-07	A4D62	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**112.20**				
			Total Concentration:		**112.20**				

Client ID : YDZC3

P3217-01	YDZC3	Water	1-Phenoxypropan-2-ol	*	6.900	J			
P3217-01	YDZC3	Water	1H-Indene, 2,3-dihydro-4,7-dimet	*	6.700	J			
P3217-01	YDZC3	Water	2,3-Dihydro-1H-inden-5-ylacetic a	*	13.000	J			
P3217-01	YDZC3	Water	2-(4-Isopropylphenoxy)propanohy	*	5.500	J			
P3217-01	YDZC3	Water	2-Methyl-4-hydroxybenzoxazole	*	15.000	J			
P3217-01	YDZC3	Water	2H-1-Benzopyran-2-one, 4,6-dime	*	3.800	J			
P3217-01	YDZC3	Water	4-(7-Methyloctyl)phenol	*	30.000	J			
P3217-01	YDZC3	Water	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	32.000	J			
P3217-01	YDZC3	Water	6-Fluoroindole	*	7.100	J			
P3217-01	YDZC3	Water	Acetamide, N-(3-methylphenyl)-	*	46.000	J			
P3217-01	YDZC3	Water	Benzene, (1-methyl-1-butenyl)-	*	11.000	J			
P3217-01	YDZC3	Water	Bicyclo[4.2.1]nona-2,4,7-triene, 9	*	5.600	J			
P3217-01	YDZC3	Water	Cyclohexanemethanol, .alpha.,.alp	*	10.000	J			
P3217-01	YDZC3	Water	Diethyltoluamide	*	57.000	J			
P3217-01	YDZC3	Water	Naphthalene, 1,2,3,4-tetrahydro-6	*	5.000	J			
P3217-01	YDZC3	Water	Naphthalene, 1,3-dimethyl-	*	5.100	J			
P3217-01	YDZC3	Water	Naphthalene, 1,4-dimethyl-	*	14.000	J			
P3217-01	YDZC3	Water	Naphthalene, 2,6-dimethyl-	*	4.500	J			
P3217-01	YDZC3	Water	Phenol, 2-(1,1-dimethylethyl)-	*	5.800	J			
P3217-01	YDZC3	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	26.000	J			
P3217-01	YDZC3	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	7.700	J			
P3217-01	YDZC3	Water	Phenol, m-tert-butyl-	*	28.000	J			
P3217-01	YDZC3	Water	Tridecanoic acid	*	4.000	J			
P3217-01	YDZC3	Water	unknown-01	*	4.100	J			
P3217-01	YDZC3	Water	unknown-02	*	6.500	J			
P3217-01	YDZC3	Water	unknown-03	*	4.200	J			
P3217-01	YDZC3	Water	unknown-04	*	10.000	J			
P3217-01	YDZC3	Water	unknown-05	*	13.000	J			
P3217-01	YDZC3	Water	unknown-06	*	6.900	J			

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-01	YDZC3	Water	unknown-07	*	10.000	J			
P3217-01	YDZC3	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**404.40**				
P3217-01	YDZC3	Water	1-Methylnaphthalene		230.000	E	1	5	ug/L
P3217-01	YDZC3	Water	2,4-Dimethylphenol		19.000		1.1	5	ug/L
P3217-01	YDZC3	Water	2-Methylnaphthalene		50.000		1.6	5	ug/L
P3217-01	YDZC3	Water	Fluorene		1.200	J	0.87	5	ug/L
P3217-01	YDZC3	Water	Naphthalene		7.500		0.7	5	ug/L
			Total Svoc :		**307.70**				
			Total Concentration:		**712.10**				
Client ID :	**YDZC3DL**								
P3217-01DL	YDZC3DL	Water	2-tert-Butylphenol, O-isopropylox	*	27.000	JD			
P3217-01DL	YDZC3DL	Water	4-(7-Methyloctyl)phenol	*	28.000	JD			
P3217-01DL	YDZC3DL	Water	Acetamide, N-(2-methylphenyl)-	*	32.000	JD			
P3217-01DL	YDZC3DL	Water	Acetamide, N-(3-methylphenyl)-	*	45.000	JD			
P3217-01DL	YDZC3DL	Water	Acetamide, N-(4-methylphenyl)-	*	16.000	JD			
P3217-01DL	YDZC3DL	Water	Diethyltoluamide	*	76.000	JD			
P3217-01DL	YDZC3DL	Water	Naphthalene, 1,6-dimethyl-	*	20.000	JD			
P3217-01DL	YDZC3DL	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	23.000	JD			
P3217-01DL	YDZC3DL	Water	Phenol, m-tert-butyl-	*	44.000	JD			
P3217-01DL	YDZC3DL	Water	unknown-01	*	10.000	JD			
P3217-01DL	YDZC3DL	Water	unknown-02	*	18.000	JD			
P3217-01DL	YDZC3DL	Water	unknown-03	*	13.000	JD			
P3217-01DL	YDZC3DL	Water	unknown-04	*	15.000	JD			
P3217-01DL	YDZC3DL	Water	Total Alkanes	*	0.000	D	4.95	25	ug/L
			Total Tics :		**367.00**				
P3217-01DL	YDZC3DL	Water	1-Methylnaphthalene		260.000	D	5	25	ug/L
P3217-01DL	YDZC3DL	Water	2,4-Dimethylphenol		23.000	JD	5.5	25	ug/L
P3217-01DL	YDZC3DL	Water	2-Methylnaphthalene		55.000	D	8	25	ug/L
P3217-01DL	YDZC3DL	Water	Naphthalene		8.000	JD	3.5	25	ug/L
			Total Svoc :		**346.00**				
			Total Concentration:		**713.00**				
Client ID :	**YDZC4**								
P3217-02	YDZC4	Water	(DEL) Alkane: Straight-Chain8.9	*	3.500	J			
P3217-02	YDZC4	Water	1-Naphthalenecarboxylic acid, 5,6	*	12.000	J			
P3217-02	YDZC4	Water	1H-Inden-1-one, 2,3-dihydro-5,7-	*	4.900	J			
P3217-02	YDZC4	Water	1H-Indene, 2,3-dihydro-1,2-dimet	*	4.800	J			
P3217-02	YDZC4	Water	1H-Indene, 2,3-dihydro-1,3-dimet	*	11.000	J			
P3217-02	YDZC4	Water	4-(1,1-Dimethylheptyl)phenol	*	23.000	J			
P3217-02	YDZC4	Water	4-(7-Methyloctyl)phenol	*	25.000	J			

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-02	YDZC4	Water	Benzene, (1-methyl-1-butenyl)-	*	5.700	J			
P3217-02	YDZC4	Water	Benzene, 1,2,3,4-tetramethyl-	*	4.600	J			
P3217-02	YDZC4	Water	Benzene, 1-ethyl-3-methyl-	*	8.100	J			
P3217-02	YDZC4	Water	Cyclohexanemethanol, .alpha.,.alp	*	9.400	J			
P3217-02	YDZC4	Water	Diethyltoluamide	*	58.000	J			
P3217-02	YDZC4	Water	Fenchone	*	4.500	J			
P3217-02	YDZC4	Water	Naphthalene, 1,3-dimethyl-	*	4.200	J			
P3217-02	YDZC4	Water	Naphthalene, 1,6-dimethyl-	*	16.000	J			
P3217-02	YDZC4	Water	Naphthalene, 2,3-dimethyl-	*	4.700	J			
P3217-02	YDZC4	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	22.000	J			
P3217-02	YDZC4	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	7.800	J			
P3217-02	YDZC4	Water	Phenol, m-tert-butyl-	*	35.000	J			
P3217-02	YDZC4	Water	unknown-01	*	3.800	J			
P3217-02	YDZC4	Water	unknown-02	*	6.000	J			
P3217-02	YDZC4	Water	unknown-03	*	4.600	J			
P3217-02	YDZC4	Water	unknown-04	*	3.600	J			
P3217-02	YDZC4	Water	unknown-05	*	5.300	J			
P3217-02	YDZC4	Water	unknown-06	*	10.000	J			
P3217-02	YDZC4	Water	unknown-07	*	39.000	J			
P3217-02	YDZC4	Water	unknown-08	*	12.000	J			
P3217-02	YDZC4	Water	unknown-09	*	5.700	J			
P3217-02	YDZC4	Water	unknown-10	*	27.000	J			
P3217-02	YDZC4	Water	unknown-11	*	9.700	J			
P3217-02	YDZC4	Water	unknown-12	*	12.000	J			
P3217-02	YDZC4	Water	Total Alkanes	*	3.500		0.99	5	ug/L
			Total Tics :		**406.40**				
P3217-02	YDZC4	Water	1-Methylnaphthalene		230.000	E	1	5	ug/L
P3217-02	YDZC4	Water	2,4-Dimethylphenol		19.000		1.1	5	ug/L
P3217-02	YDZC4	Water	2-Methylnaphthalene		50.000		1.6	5	ug/L
P3217-02	YDZC4	Water	Acenaphthene		1.600	J	1.1	5	ug/L
P3217-02	YDZC4	Water	Fluorene		1.200	J	0.87	5	ug/L
P3217-02	YDZC4	Water	Naphthalene		7.200		0.7	5	ug/L
			Total Svoc :		**309.00**				
			Total Concentration:		**715.40**				
Client ID :	**YDZG4**								
P3217-07	YDZG4	Water	1,5,9-Undecatriene, 2,6,10-trimetl	*	10.000	J			
P3217-07	YDZG4	Water	Diethyl carbitol	*	7.100	J			
P3217-07	YDZG4	Water	Phenol, 3-chloro-	*	11.000	J			
P3217-07	YDZG4	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.800	J			
P3217-07	YDZG4	Water	unknown-01	*	11.000	J			

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-07	YDZG4	Water	unknown-02	*	2.100	J			
P3217-07	YDZG4	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**44.00**				
P3217-07	YDZG4	Water	2-Chlorophenol		7.900		1.2	5	ug/L
			Total Svoc :		**7.90**				
			Total Concentration:		**51.90**				
Client ID :	**YDZG5**								
P3217-10	YDZG5	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.900	J			
P3217-10	YDZG5	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :		**2.90**				
			Total Concentration:		**2.90**				
Client ID :	**YDZH5**								
P3217-12	YDZH5	Water	Phenol, p-tert-butyl-	*	3.700	J			
P3217-12	YDZH5	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**3.70**				
P3217-12	YDZH5	Water	1,4-Dioxane		1.700	J	1.2	2	ug/L
			Total Svoc :		**1.70**				
			Total Concentration:		**5.40**				
Client ID :	**YDZH6**								
P3217-13	YDZH6	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**YDZK3**								
P3217-15	YDZK3	Water	Benzenesulfonamide, N-butyl-	*	2.300	J			
P3217-15	YDZK3	Water	Butyl citrate	*	9.300	J			
P3217-15	YDZK3	Water	unknown-01	*	2.300	J			
P3217-15	YDZK3	Water	unknown-02	*	4.900	J			
P3217-15	YDZK3	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**18.80**				
P3217-15	YDZK3	Water	1,4-Dioxane		2.300		1.2	2	ug/L
			Total Svoc :		**2.30**				
			Total Concentration:		**21.10**				
Client ID :	**YDZK5**								
P3217-16	YDZK5	Water	2H-Inden-2-one, octahydro-3a-me	*	3.000	J			
P3217-16	YDZK5	Water	4-(7-Methyloctyl)phenol	*	4.000	J			
P3217-16	YDZK5	Water	4-tert-Butylphenol, O-ethoxycarbo	*	2.200	J			
P3217-16	YDZK5	Water	Acetamide, N-methyl-N-phenyl-	*	4.900	J			
P3217-16	YDZK5	Water	Indane	*	10.000	J			
P3217-16	YDZK5	Water	Oxazolidin-2-one, 4-hydroxy-4,5-	*	3.300	J			

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Hit Summary Sheet
SW-846

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-16	YDZK5	Water	Phenol, m-tert-butyl-	*	3.500	J			
P3217-16	YDZK5	Water	unknown-01	*	3.300	J			
P3217-16	YDZK5	Water	unknown-02	*	2.700	J			
P3217-16	YDZK5	Water	unknown-03	*	2.900	J			
P3217-16	YDZK5	Water	unknown-04	*	2.300	J			
P3217-16	YDZK5	Water	unknown-05	*	3.800	J			
P3217-16	YDZK5	Water	unknown-06	*	5.800	J			
P3217-16	YDZK5	Water	unknown-07	*	6.200	J			
P3217-16	YDZK5	Water	unknown-08	*	6.200	J			
P3217-16	YDZK5	Water	unknown-09	*	5.700	J			
P3217-16	YDZK5	Water	unknown-10	*	2.700	J			
P3217-16	YDZK5	Water	unknown-11	*	5.600	J			
P3217-16	YDZK5	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :			**78.10**			
			Total Concentration:			**78.10**			
Client ID : YDZL4									
P3217-17	YDZL4	Water	Hexestrol	*	2.800	J			
P3217-17	YDZL4	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :			**2.80**			
			Total Concentration:			**2.80**			
Client ID : YDZD6									
P3217-19	YDZD6	Water	2-Hexen-1-ol, (Z)-	*	13.000	J			
P3217-19	YDZD6	Water	2-Hydroxy-1,2-bis(2-methoxyphe	*	26.000	J			
P3217-19	YDZD6	Water	2-Propylphenol, isopropyl ether	*	20.000	J			
P3217-19	YDZD6	Water	4-(1,1-Dimethylheptyl)phenol	*	68.000	J			
P3217-19	YDZD6	Water	4-(7-Methyloctyl)phenol	*	96.000	J			
P3217-19	YDZD6	Water	4-Isopropoxy-4-phenylbutyronitri	*	45.000	J			
P3217-19	YDZD6	Water	Acetamide, N-(3-methylphenyl)-	*	82.000	J			
P3217-19	YDZD6	Water	Benzene, 1,2,3-trimethyl-	*	56.000	J			
P3217-19	YDZD6	Water	Benzene, 1,3-dimethyl-	*	34.000	J			
P3217-19	YDZD6	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	34.000	J			
P3217-19	YDZD6	Water	Benzene, 1-ethyl-3-methyl-	*	23.000	J			
P3217-19	YDZD6	Water	Benzene, 1-ethyl-4-methyl-	*	17.000	J			
P3217-19	YDZD6	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	17.000	J			
P3217-19	YDZD6	Water	Benzestrol	*	26.000	J			
P3217-19	YDZD6	Water	Diethyltoluamide	*	34.000	J			
P3217-19	YDZD6	Water	Eucalyptol	*	39.000	J			
P3217-19	YDZD6	Water	Naphthalene, 1-ethyl-	*	15.000	J			
P3217-19	YDZD6	Water	Naphthalene, 2,6-dimethyl-	*	33.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-19	YDZD6	Water	Phenol, 2,6-dimethyl-	*	15.000	J			
P3217-19	YDZD6	Water	Phenol, 3,4-dimethyl-	*	16.000	J			
P3217-19	YDZD6	Water	Phenol, 3,5-dimethyl-	*	37.000	J			
P3217-19	YDZD6	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	75.000	J			
P3217-19	YDZD6	Water	Terephthalic acid, methyl 2,3,4-tr	*	16.000	J			
P3217-19	YDZD6	Water	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	11.000	J			
P3217-19	YDZD6	Water	unknown-01	*	17.000	J			
P3217-19	YDZD6	Water	unknown-02	*	33.000	J			
P3217-19	YDZD6	Water	unknown-03	*	140.000	J			
P3217-19	YDZD6	Water	unknown-04	*	47.000	J			
P3217-19	YDZD6	Water	unknown-05	*	17.000	J			
P3217-19	YDZD6	Water	unknown-06	*	31.000	J			
P3217-19	YDZD6	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :		**1,133.00**				
P3217-19	YDZD6	Water	1,1-Biphenyl		2.200	J	1	5.1	ug/L
P3217-19	YDZD6	Water	1,4-Dioxane		7.700		1.2	2	ug/L
P3217-19	YDZD6	Water	1-Methylnaphthalene		140.000	E	1	5.1	ug/L
P3217-19	YDZD6	Water	2,4-Dimethylphenol		53.000		1.1	5.1	ug/L
P3217-19	YDZD6	Water	2-Methylnaphthalene		210.000	E	1.6	5.1	ug/L
P3217-19	YDZD6	Water	2-Methylphenol		15.000		0.83	10	ug/L
P3217-19	YDZD6	Water	4-Chloro-3-methylphenol		9.400		2	5.1	ug/L
P3217-19	YDZD6	Water	Acenaphthene		1.800	J	1.1	5.1	ug/L
P3217-19	YDZD6	Water	Fluorene		1.100	J	0.88	5.1	ug/L
P3217-19	YDZD6	Water	Naphthalene		33.000		0.71	5.1	ug/L
P3217-19	YDZD6	Water	Phenanthrene		1.700	J	0.98	5.1	ug/L
			Total Svoc :		**474.90**				
			Total Concentration:		**1,607.90**				
Client ID :	**YDZF0**								
P3217-21	YDZF0	Water	(DEL) Alkane: Cyclic21.304	*	4.400	J			
P3217-21	YDZF0	Water	1,3-Cyclohexanedione, 5,5-dimetl	*	8.800	J			
P3217-21	YDZF0	Water	1,5,9-Undecatriene, 2,6,10-trimetl	*	4.300	J			
P3217-21	YDZF0	Water	1-Butene, 1-(methylthio)-, (Z)-	*	12.000	J			
P3217-21	YDZF0	Water	1-Propanol, 2-(1-methylethoxy)-	*	4.100	J			
P3217-21	YDZF0	Water	3-Phenylbut-1-ene	*	25.000	J			
P3217-21	YDZF0	Water	Benzene, 2-propenyl-	*	41.000	J			
P3217-21	YDZF0	Water	Benzene, propyl-	*	18.000	J			
P3217-21	YDZF0	Water	Benzonitrile, 4-(1-hydroxyethyl)-	*	4.300	J			
P3217-21	YDZF0	Water	Diethyltoluamide	*	23.000	J			
P3217-21	YDZF0	Water	Heptanoic acid, 2-ethyl-, methyl e	*	5.900	J			
P3217-21	YDZF0	Water	Hexestrol, O-(n-propyloxycarbony	*	3.500	J			

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3217-21	YDZF0	Water	Methyl 2-methylhexanoate	*	35.000	J			
P3217-21	YDZF0	Water	o-Cymene	*	4.900	J			
P3217-21	YDZF0	Water	Phenol, 4-hexyl-	*	7.200	J			
P3217-21	YDZF0	Water	Phenol, m-tert-butyl-	*	5.500	J			
P3217-21	YDZF0	Water	Phenol, p-tert-butyl-	*	28.000	J			
P3217-21	YDZF0	Water	unknown-01	*	14.000	J			
P3217-21	YDZF0	Water	unknown-02	*	27.000	J			
P3217-21	YDZF0	Water	unknown-03	*	4.200	J			
P3217-21	YDZF0	Water	unknown-04	*	5.100	J			
P3217-21	YDZF0	Water	unknown-05	*	8.400	J			
P3217-21	YDZF0	Water	unknown-06	*	5.200	J			
P3217-21	YDZF0	Water	unknown-07	*	9.700	J			
P3217-21	YDZF0	Water	unknown-08	*	19.000	J			
P3217-21	YDZF0	Water	unknown-09	*	5.200	J			
P3217-21	YDZF0	Water	unknown-10	*	16.000	J			
P3217-21	YDZF0	Water	unknown-11	*	7.700	J			
P3217-21	YDZF0	Water	unknown-12	*	5.500	J			
P3217-21	YDZF0	Water	unknown-13	*	6.300	J			
P3217-21	YDZF0	Water	unknown-14	*	47.000	J			
P3217-21	YDZF0	Water	Total Alkanes	*	4.400		0.99	5	ug/L
			Total Tics :		**419.60**				
P3217-21	YDZF0	Water	1,4-Dioxane		13.000		1.2	2	ug/L
P3217-21	YDZF0	Water	1-Methylnaphthalene		21.000		1	5	ug/L
P3217-21	YDZF0	Water	2-Methylnaphthalene		22.000		1.6	5	ug/L
P3217-21	YDZF0	Water	Naphthalene		15.000		0.7	5	ug/L
			Total Svoc :		**71.00**				
			Total Concentration:		**490.60**				
Client ID :	**YDZJ8**								
P3217-22	YDZJ8	Water	1-Phenoxypropan-2-ol	*	3.500	J			
P3217-22	YDZJ8	Water	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	4.600	J			
P3217-22	YDZJ8	Water	Diethyltoluamide	*	3.800	J			
P3217-22	YDZJ8	Water	Fenchone	*	3.100	J			
P3217-22	YDZJ8	Water	Naphthalene, 2,6-dimethyl-	*	2.900	J			
P3217-22	YDZJ8	Water	Phenol, p-tert-butyl-	*	3.100	J			
P3217-22	YDZJ8	Water	unknown-01	*	2.200	J			
P3217-22	YDZJ8	Water	unknown-02	*	3.300	J			
P3217-22	YDZJ8	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**26.50**				
P3217-22	YDZJ8	Water	1,4-Dioxane		3.100		1.2	2	ug/L
P3217-22	YDZJ8	Water	1-Methylnaphthalene		15.000		1	5	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

SDG No.: BG071724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3217-22	YDZJ8	Water	2,4-Dimethylphenol	3.300	J	1.1	5	ug/L
P3217-22	YDZJ8	Water	2-Methylnaphthalene	6.600		1.6	5	ug/L
P3217-22	YDZJ8	Water	Naphthalene	2.000	J	0.7	5	ug/L
			Total Svoc :	**30.00**				
			Total Concentration:	**56.50**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224

Instrument ID: Calibration Date(s): 7/2/2024 1:

Calibration Time(s): 18:39

LAB FILE ID: RRFAL1 = BG061850.D RRFAL2 = BG061851.D RRFAL3 = BG061852.D
RRFAL4 = BG061853.D RRFAL5 = BG061854.D RRFAL6 = BG061855.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.634	0.588	0.586	0.560	0.569		0.587	4.8
Benzaldehyde		1.263	1.421	1.270	1.026	0.812	1.158	20.7
Pyridine		1.656	1.728	1.709	1.647	1.651	1.678	2.2
Hexachloroethane	0.683	0.651	0.686	0.660	0.638		0.664	3.1
Nitrobenzene	0.421	0.429	0.433	0.442	0.434		0.432	1.8
Isophorone	1.036	1.021	1.014	0.923	0.883		0.975	7.0
2-Nitrophenol	0.164	0.167	0.187	0.182	0.186		0.177	6.2
2,4-Dimethylphenol	0.413	0.428	0.447	0.423	0.409		0.424	3.5
Bis(2-Chloroethoxy)methane	0.558	0.562	0.551	0.526	0.489		0.537	5.6
2,4-Dichlorophenol	0.325	0.306	0.331	0.306	0.306		0.315	3.8
Naphthalene	1.084	1.112	1.154	1.093	1.050		1.099	3.5
4-Chloroaniline		0.498	0.518	0.479	0.453	0.439	0.477	6.8
Hexachlorobutadiene	0.235	0.231	0.248	0.234	0.237		0.237	2.7
Phenol		2.180	2.239	2.303	2.205	2.277	2.241	2.2
Caprolactam		0.128	0.144	0.118	0.115	0.110	0.123	10.9
4-Chloro-3-methylphenol	0.412	0.433	0.439	0.410	0.402		0.419	3.9
1-Methylnaphthalene	0.834	0.858	0.873	0.807	0.765		0.827	5.2
2-Methylnaphthalene	0.793	0.837	0.833	0.775	0.742		0.796	5.1
Hexachlorocyclopentadiene		0.354	0.377	0.407	0.427	0.433	0.400	8.4
2,4,6-Trichlorophenol	0.396	0.384	0.401	0.408	0.405		0.399	2.4
2,4,5-Trichlorophenol	0.447	0.430	0.442	0.434	0.439		0.438	1.5
1,1-Biphenyl	1.560	1.582	1.558	1.518	1.488		1.541	2.4
2-Chloronaphthalene	1.191	1.149	1.175	1.147	1.121		1.157	2.3
2-Nitroaniline	0.423	0.438	0.479	0.486	0.490		0.463	6.6
Bis(2-Chloroethyl)ether		1.802	1.704	1.749	1.688	1.664	1.721	3.2
Dimethylphthalate	1.651	1.598	1.668	1.514	1.476		1.582	5.3
2,6-Dinitrotoluene	0.276	0.287	0.315	0.313	0.309		0.300	5.8
Acenaphthylene	1.945	1.888	1.929	1.875	1.799		1.887	3.0
3-Nitroaniline		0.287	0.326	0.304	0.280	0.263	0.292	8.3
Acenaphthene	1.314	1.306	1.338	1.305	1.251		1.303	2.4
2,4-Dinitrophenol		0.116	0.152	0.157	0.175	0.184	0.157	16.9
4-Nitrophenol		0.283	0.317	0.303	0.304	0.293	0.300	4.2
Dibenzofuran	1.892	1.880	1.907	1.817	1.712		1.842	4.4
2,4-Dinitrotoluene	0.420	0.419	0.445	0.456	0.459		0.440	4.4
Diethylphthalate	1.799	1.730	1.804	1.638	1.550		1.704	6.4
2-Chlorophenol	1.390	1.576	1.601	1.546	1.535		1.530	5.4

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.: BG070224 SAS No.: BG070224 SDG No.: BG070224

Instrument ID: Calibration Date(s): 7/2/2024 1:

Calibration Time(s): 18:39

LAB FILE ID: RRFAL1 = BG061850.D RRFAL2 = BG061851.D RRFAL3 = BG061852.D
RRFAL4 = BG061853.D RRFAL5 = BG061854.D RRFAL6 = BG061855.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.751	1.562	1.592	1.498	1.427		1.566	7.8
4-Chlorophenyl-phenylether	0.829	0.823	0.808	0.748	0.724		0.787	6.0
4-Nitroaniline		0.267	0.358	0.312	0.282	0.263	0.296	13.4
4,6-Dinitro-2-methylphenol		0.087	0.113	0.121	0.122	0.123	0.113	13.4
N-Nitrosodiphenylamine	0.554	0.553	0.564	0.546	0.514		0.546	3.5
1,2,4,5-Tetrachlorobenzene	0.596	0.582	0.613	0.609	0.603		0.601	2.1
4-Bromophenyl-phenylether	0.228	0.219	0.231	0.235	0.222		0.227	2.9
Hexachlorobenzene	0.270	0.260	0.272	0.253	0.250		0.261	3.8
Atrazine		0.218	0.238	0.217	0.205	0.200	0.216	6.8
Pentachlorophenol		0.123	0.145	0.147	0.150	0.151	0.143	8.0
2-Methylphenol		1.536	1.631	1.651	1.589	1.589	1.599	2.8
Phenanthrene	1.087	1.055	1.103	1.052	0.976		1.055	4.6
Pentachlorobenzene	0.275	0.274	0.288	0.289	0.290		0.283	2.8
Anthracene	1.138	1.090	1.145	1.074	1.002		1.090	5.3
1,2,3,4-Tetrachlorobenzene	0.235	0.242	0.250	0.257	0.259		0.248	4.2
Carbazole		0.931	1.033	0.940	0.868	0.814	0.917	9.0
Di-n-butylphthalate	1.238	1.155	1.261	1.172	1.061		1.178	6.7
Fluoranthene	1.465	1.388	1.437	1.392	1.280		1.392	5.1
Pyrene	1.497	1.451	1.506	1.432	1.304		1.438	5.6
Butylbenzylphthalate	0.637	0.594	0.626	0.600	0.561		0.604	4.9
3,3-Dichlorobenzidine		0.490	0.530	0.508	0.448	0.403	0.476	10.6
2,2-oxybis(1-Chloropropane)		3.852	3.804	3.842	3.663	3.644	3.761	2.7
Benzo(a)anthracene	1.494	1.442	1.493	1.453	1.359		1.448	3.8
Chrysene	1.435	1.346	1.409	1.343	1.244		1.356	5.5
Bis(2-ethylhexyl)phthalate	0.924	0.866	0.894	0.858	0.788		0.866	5.9
Di-n-octyl phthalate		1.315	1.302	1.265	1.155	1.073	1.222	8.5
Benzo(b)fluoranthene	1.338	1.253	1.298	1.256	1.156		1.260	5.4
Benzo(k)fluoranthene	1.330	1.255	1.275	1.265	1.158		1.257	4.9
Benzo(a)pyrene	1.253	1.176	1.231	1.201	1.106		1.193	4.8
Indeno(1,2,3-cd)pyrene	1.589	1.518	1.547	1.534	1.436		1.525	3.7
Dibenzo(a,h)anthracene	1.309	1.246	1.284	1.275	1.182		1.259	3.9
Benzo(g,h,i)perylene	1.264	1.200	1.238	1.212	1.151		1.213	3.5
Acetophenone		3.076	2.836	2.936	2.737	2.648	2.847	5.9
2,3,4,6-Tetrachlorophenol	0.375	0.395	0.425	0.385	0.399		0.396	4.7
1,4-Dioxane-d8	0.490	0.539	0.561	0.566	0.505		0.532	6.3
Pyridine-d5		1.719	1.656	1.633	1.583	1.591	1.636	3.4

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.: BG070224 SAS No.: BG070224 SDG No.: BG070224

Instrument ID: Calibration Date(s): 7/2/2024 1:

Calibration Time(s): 18:39

LAB FILE ID: RRFAL1 = BG061850.D RRFAL2 = BG061851.D RRFAL3 = BG061852.D
RRFAL4 = BG061853.D RRFAL5 = BG061854.D RRFAL6 = BG061855.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.148	2.226	2.182	2.176	2.212	2.189	1.4
Bis-(2-Chloroethyl)ether-d8		1.446	1.394	1.396	1.367	1.327	1.386	3.1
2-Chlorophenol-d4	1.468	1.495	1.479	1.548	1.517		1.501	2.1
4-Methylphenol-d8		1.727	1.692	1.758	1.714	1.726	1.723	1.4
Nitrobenzene-d5	0.147	0.146	0.157	0.154	0.156		0.152	3.5
2-Nitrophenol-d4	0.154	0.166	0.185	0.179	0.184		0.174	7.7
2,4-Dichlorophenol-d3	0.325	0.318	0.356	0.343	0.334		0.335	4.5
4-Chloroaniline-d4		0.512	0.523	0.483	0.464	0.450	0.486	6.3
4-Methylphenol		1.800	1.799	1.847	1.765	1.745	1.791	2.2
Dimethylphthalate-d6	1.689	1.710	1.711	1.587	1.525		1.644	5.1
Acenaphthylene-d8	1.692	1.727	1.769	1.740	1.669		1.719	2.3
4-Nitrophenol-d4		0.228	0.287	0.274	0.270	0.254	0.263	8.6
Fluorene-d10	1.421	1.410	1.433	1.357	1.299		1.384	4.0
4,6-Dinitro-2-methylphenol-		0.087	0.099	0.109	0.113	0.116	0.105	11.3
Anthracene-d10	0.962	0.925	0.980	0.933	0.869		0.934	4.5
Pyrene-d10	1.200	1.172	1.254	1.173	1.083		1.176	5.3
Benzo(a)pyrene-d12	1.005	0.981	1.025	1.013	0.935		0.992	3.6
N-Nitroso-di-n-propylamine	1.587	1.662	1.582	1.632	1.506		1.594	3.7

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.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020448 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 10:57

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	46570		8.1	230685		10.91	172810		14.72
	UPPER LIMIT	93140		8.6	461370		11.414	345620		15.222
	LOWER LIMIT	23285		7.6	115342.5		10.414	86405		14.222
	EPA SAMPLE NO.									
01	SBLK043	29299		8.04	161690		10.86	105851		14.68
02	YDZG4	23689		8.04	114193	*	10.86	84894	*	14.68
03	YDZG4MS	22957	*	8.05	115085	*	10.86	81265	*	14.68
04	YDZG4MSD	23410		8.04	119065		10.86	83047	*	14.67
05	A4BX3	37747		8.04	188518		10.86	130980		14.68
06	SLCS043	19980	*	8.04	103439	*	10.86	74743	*	14.68
07	A4D62	20292	*	8.04	101160	*	10.86	76456	*	14.68
08	YDZC3	21994	*	8.05	107241	*	10.86	74379	*	14.68
09	SBLK053	25404		8.04	106372	*	10.86	81602	*	14.68
10	SBLK055	24818		8.04	127053		10.86	98501		14.68
11	YDZC4	22173	*	8.04	110582	*	10.85	86187	*	14.68
12	YDZG5	22156	*	8.04	101187	*	10.86	71040	*	14.68
13	YDZH5	20573	*	8.05	103614	*	10.86	73726	*	14.68
14	SLCS055	19824	*	8.04	100726	*	10.85	74900	*	14.68
15	YDZH6	23487		8.04	112430	*	10.86	87963		14.68
16	YDZK3	24133		8.04	112043	*	10.86	82609	*	14.68
17	YDZK5	22536	*	8.04	109329	*	10.86	79538	*	14.67
18	YDZD6	26707		8.05	123428		10.86	83293	*	14.68
19	YDZF0	26672		8.04	116424		10.86	85735	*	14.68
20	YDZJ8	23937		8.05	112518	*	10.85	80391	*	14.68
21	YDZL4	23798		8.04	107294	*	10.86	76796	*	14.68
22	YDZC3DL	17681	*	8.04	90188	*	10.86	66403	*	14.67
23	SLCS053	21082	*	8.05	103646	*	10.86	73059	*	14.68

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020448 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 02:42

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	46570	8.1	230685	10.91	172810	14.72
UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
EPA SAMPLE NO.						

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020576 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG062106.D Time Analyzed: 10:57

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	22862	8.046	118799	10.86	90443	14.68
	UPPER LIMIT	45724	8.546	237598	11.355	180886	15.18
	LOWER LIMIT	11431	7.546	59399.5	10.355	45221.5	14.18
	EPA SAMPLE NO.						
01	SBLK043	29299	8.04	161690	10.86	105851	14.68
02	YDZG4	23689	8.04	114193	10.86	84894	14.68
03	YDZG4MS	22957	8.05	115085	10.86	81265	14.68
04	YDZG4MSD	23410	8.04	119065	10.86	83047	14.67
05	A4BX3	37747	8.04	188518	10.86	130980	14.68
06	SLCS043	19980	8.04	103439	10.86	74743	14.68
07	A4D62	20292	8.04	101160	10.86	76456	14.68
08	YDZC3	21994	8.05	107241	10.86	74379	14.68

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.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020577 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG062115.D Time Analyzed: 17:06

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	23254	8.046	117116	10.86	89028	14.68
	UPPER LIMIT	46508	8.546	234232	11.355	178056	15.18
	LOWER LIMIT	11627	7.546	58558	10.355	44514	14.18
	EPA SAMPLE NO.						
01	SBLK053	25404	8.04	106372	10.86	81602	14.68
02	SBLK055	24818	8.04	127053	10.86	98501	14.68
03	YDZC4	22173	8.04	110582	10.85	86187	14.68
04	YDZG5	22156	8.04	101187	10.86	71040	14.68
05	YDZH5	20573	8.05	103614	10.86	73726	14.68
06	SLCS055	19824	8.04	100726	10.85	74900	14.68
07	YDZH6	23487	8.04	112430	10.86	87963	14.68
08	YDZK3	24133	8.04	112043	10.86	82609	14.68
09	YDZK5	22536	8.04	109329	10.86	79538	14.67
10	YDZD6	26707	8.05	123428	10.86	83293	14.68
11	YDZF0	26672	8.04	116424	10.86	85735	14.68
12	YDZJ8	23937	8.05	112518	10.85	80391	14.68
13	YDZL4	23798	8.04	107294	10.86	76796	14.68
14	YDZC3DL	17681	8.04	90188	10.86	66403	14.67
15	SLCS053	21082	8.05	103646	10.86	73059	14.68

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020448 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 10:57

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	424925	17.46	382594		21.725	449285		24.963
	UPPER LIMIT	849850	17.96	765188		22.225	898570		25.463
	LOWER LIMIT	212462.5	16.96	191297		21.225	224642.5		24.463
	EPA SAMPLE NO.								
01	SBLK043	304846	17.42	267284		21.68	320454		24.91
02	YDZG4	268062	17.43	233032		21.69	275966		24.91
03	YDZG4MS	195311 *	17.42	208914		21.68	284310		24.91
04	YDZG4MSD	242673	17.42	208702		21.69	241187		24.91
05	A4BX3	283645	17.43	257118		21.69	319578		24.91
06	SLCS043	170942 *	17.43	147538	*	21.68	174890	*	24.90
07	A4D62	180400 *	17.43	157050	*	21.68	186471	*	24.90
08	YDZC3	156061 *	17.42	141398	*	21.68	168897	*	24.91
09	SBLK053	205067 *	17.42	181595	*	21.68	219029	*	24.90
10	SBLK055	227217	17.42	203012		21.68	237726		24.91
11	YDZC4	185231 *	17.43	158857	*	21.69	191148	*	24.91
12	YDZG5	171752 *	17.42	148867	*	21.68	177015	*	24.91
13	YDZH5	170453 *	17.42	147725	*	21.68	175309	*	24.90
14	SLCS055	183912 *	17.42	166381	*	21.68	193362	*	24.90
15	YDZH6	210461 *	17.42	181358	*	21.68	218248	*	24.90
16	YDZK3	202668 *	17.42	166865	*	21.68	204893	*	24.90
17	YDZK5	182605 *	17.42	153803	*	21.68	185776	*	24.90
18	YDZD6	185258 *	17.43	171041	*	21.69	190713	*	24.91
19	YDZF0	201435 *	17.43	178164	*	21.68	206792	*	24.91
20	YDZJ8	186966 *	17.42	168375	*	21.68	190406	*	24.91
21	YDZL4	182838 *	17.43	156800	*	21.68	189667	*	24.90

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020448 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 02:01

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	424925	17.46	382594	21.725	449285	24.963
	UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
	LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
	EPA SAMPLE NO.						
22	YDZC3DL	158741 *	17.42	137894 *	21.68	166474 *	24.90
23	SLCS053	188950 *	17.42	163570 *	21.68	194719 *	24.90

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.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020576 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG062106.D Time Analyzed: 10:57

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	214493	17.423	182763	21.689	213932	24.915
	UPPER LIMIT	428986	17.923	365526	22.189	427864	25.415
	LOWER LIMIT	107246.5	16.923	91381.5	21.189	106966	24.415
	EPA SAMPLE NO.						
01	SBLK043	304846	17.42	267284	21.68	320454	24.91
02	YDZG4	268062	17.43	233032	21.69	275966	24.91
03	YDZG4MS	195311	17.42	208914	21.68	284310	24.91
04	YDZG4MSD	242673	17.42	208702	21.69	241187	24.91
05	A4BX3	283645	17.43	257118	21.69	319578	24.91
06	SLCS043	170942	17.43	147538	21.68	174890	24.90
07	A4D62	180400	17.43	157050	21.68	186471	24.90
08	YDZC3	156061	17.42	141398	21.68	168897	24.91

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.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020577 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BG062115.D Time Analyzed: 17:06

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	204858	17.423	172763	21.683	203014	24.903
	UPPER LIMIT	409716	17.923	345526	22.183	406028	25.403
	LOWER LIMIT	102429	16.923	86381.5	21.183	101507	24.403
	EPA SAMPLE NO.						
01	SBLK053	205067	17.42	181595	21.68	219029	24.90
02	SBLK055	227217	17.42	203012	21.68	237726	24.91
03	YDZC4	185231	17.43	158857	21.69	191148	24.91
04	YDZG5	171752	17.42	148867	21.68	177015	24.91
05	YDZH5	170453	17.42	147725	21.68	175309	24.90
06	SLCS055	183912	17.42	166381	21.68	193362	24.90
07	YDZH6	210461	17.42	181358	21.68	218248	24.90
08	YDZK3	202668	17.42	166865	21.68	204893	24.90
09	YDZK5	182605	17.42	153803	21.68	185776	24.90
10	YDZD6	185258	17.43	171041	21.69	190713	24.91
11	YDZF0	201435	17.43	178164	21.68	206792	24.91
12	YDZJ8	186966	17.42	168375	21.68	190406	24.91
13	YDZL4	182838	17.43	156800	21.68	189667	24.90
14	YDZC3DL	158741	17.42	137894	21.68	166474	24.90
15	SLCS053	188950	17.42	163570	21.68	194719	24.90

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

EPA Sample No.: SSTD020577 Date Analyzed: Jul 18 2024 12:00AM

Lab File ID: BG062115.D Time Analyzed: 02:42

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	204858	17.423	172763	21.683	203014	24.903
UPPER LIMIT	409716	17.923	345526	22.183	406028	25.403
LOWER LIMIT	102429	16.923	86381.5	21.183	101507	24.403
EPA SAMPLE NO.						

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162043BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	28	ug/L	70				0	0	
	Pyridine	40	28	ug/L	70				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	21	ug/L	52				0	0	
	Acetophenone	40	28	ug/L	70				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	30	ug/L	75				0	0	
	Isophorone	40	24	ug/L	60				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethoxy)methane	40	22	ug/L	55				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	25	ug/L	63				0	0	
	Hexachlorobutadiene	40	35	ug/L	88				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	32	ug/L	80				0	0	
	1,1'-Biphenyl	40	31	ug/L	78				0	0	
	2-Chloronaphthalene	40	31	ug/L	78				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	30	ug/L	75				0	0	
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0	
	Acenaphthylene	40	30	ug/L	75				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	30	ug/L	75				0	0	
	2,4-Dinitrophenol	40	25	ug/L	63				0	0	
	4-Nitrophenol	40	37	ug/L	93				0	0	
	Dibenzofuran	40	31	ug/L	78				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	31	ug/L	78				0	0	
	4-Chlorophenyl-phenylether	40	32	ug/L	80				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.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162043BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0	
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	36	ug/L	90				0	0	
	Atrazine	40	6.4	ug/L	16				0	0	
	Pentachlorophenol	40	9.6	ug/L	24				0	0	
	Phenanthrene	40	31	ug/L	78				0	0	
	Pentachlorobenzene	40	35	ug/L	88				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	32	ug/L	80				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	32	ug/L	80				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	28	ug/L	70				0	0	
	3,3'-Dichlorobenzidine	40	35	ug/L	88				0	0	
	Benzo(a)anthracene	40	32	ug/L	80				0	0	
	Chrysene	40	31	ug/L	78				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	31	ug/L	78				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	30	ug/L	75				0	0	
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162053BS	1,4-Dioxane	16	8	ug/L	50				0	0	
	Benzaldehyde	40	24	ug/L	60				0	0	
	Pyridine	40	19	ug/L	48				0	0	
	Phenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethyl)ether	40	20	ug/L	50				0	0	
	2-Chlorophenol	40	27	ug/L	68				0	0	
	2-Methylphenol	40	26	ug/L	65				0	0	
	2,2-oxybis(1-Chloropropane)	40	18	ug/L	45				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	25	ug/L	63				0	0	
	N-Nitroso-di-n-propylamine	40	22	ug/L	55				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	22	ug/L	55				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	20	ug/L	50				0	0	
	2,4-Dichlorophenol	40	30	ug/L	75				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	17	ug/L	43				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	32	ug/L	80				0	0	
	Dimethylphthalate	40	28	ug/L	70				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	22	ug/L	55				0	0	
	4-Nitrophenol	40	38	ug/L	95				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	32	ug/L	80				0	0	
	4-Nitroaniline	40	37	ug/L	93				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162053BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	31	ug/L	78				0	0	
	Hexachlorobenzene	40	31	ug/L	78				0	0	
	Atrazine	40	5.6	ug/L	14				0	0	
	Pentachlorophenol	40	6.6	ug/L	17				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	29	ug/L	73				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	30	ug/L	75				0	0	
	Pyrene	40	30	ug/L	75				0	0	
	Butylbenzylphthalate	40	26	ug/L	65				0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				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.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162055BS	1,4-Dioxane	16	8.4	ug/L	52				0	0	
	Benzaldehyde	40	25	ug/L	63				0	0	
	Pyridine	40	21	ug/L	52				0	0	
	Phenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethyl)ether	40	21	ug/L	52				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	18	ug/L	45				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	26	ug/L	65				0	0	
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	22	ug/L	55				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	20	ug/L	50				0	0	
	2,4-Dichlorophenol	40	30	ug/L	75				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	32	ug/L	80				0	0	
	Caprolactam	40	27	ug/L	68				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	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	17	ug/L	43				0	0	
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	28	ug/L	70				0	0	
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	39	ug/L	98				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				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.: BG071724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162055BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	6.5	ug/L	16				0	0	
	Pentachlorophenol	40	9	ug/L	23				0	0	
	Phenanthrene	40	30	ug/L	75				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	29	ug/L	73				0	0	
	Fluoranthene	40	29	ug/L	73				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0	
	Benzo(a)anthracene	40	29	ug/L	73				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	25	ug/L	63				0	0	
	Di-n-octylphthalate	40	27	ug/L	68				0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BX3

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062111.D Lab Sample ID: P3177-10

Instrument ID: BNA_G Date Extracted: 07/11/2024

Matrix: (soil/water) Solid Date Analyzed: 07/17/2024

Level: (low/med) LOW Time Analyzed: 13:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BX3	P3177-10	BG062111.D	07/17/2024

COMMENTS:

CHEMTECH
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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK043

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062107.D Lab Sample ID: PB162043BL

Instrument ID: BNA_G Date Extracted: 07/12/2024

Matrix: (soil/water) Water Date Analyzed: 07/17/2024

Level: (low/med) LOW Time Analyzed: 10:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZG4	P3217-07	BG062108.D	07/17/2024
YDZG4MS	P3217-08MS	BG062109.D	07/17/2024
YDZG4MSD	P3217-09MSD	BG062110.D	07/17/2024
PB162043BS	PB162043BS	BG062112.D	07/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK053

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062116.D Lab Sample ID: PB162053BL

Instrument ID: BNA_G Date Extracted: 07/15/2024

Matrix: (soil/water) Water Date Analyzed: 07/17/2024

Level: (low/med) LOW Time Analyzed: 17:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D62	P3201-07	BG062113.D	07/17/2024
YDZC3	P3217-01	BG062114.D	07/17/2024
YDZC4	P3217-02	BG062118.D	07/17/2024
YDZG5	P3217-10	BG062119.D	07/17/2024
YDZH5	P3217-12	BG062120.D	07/17/2024
PB162053BS	PB162053BS	BG062130.D	07/18/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK055

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062117.D Lab Sample ID: PB162055BL

Instrument ID: BNA_G Date Extracted: 07/15/2024

Matrix: (soil/water) Water Date Analyzed: 07/17/2024

Level: (low/med) LOW Time Analyzed: 17:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162055BS	PB162055BS	BG062121.D	07/17/2024
YDZD6	P3217-19	BG062125.D	07/17/2024
YDZF0	P3217-21	BG062126.D	07/17/2024
YDZJ8	P3217-22	BG062127.D	07/18/2024
YDZH6	P3217-13	BG062122.D	07/17/2024
YDZK3	P3217-15	BG062123.D	07/17/2024
YDZK5	P3217-16	BG062124.D	07/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

YDZL4

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG071724 SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062128.D Lab Sample ID: P3217-17

Instrument ID: BNA_G Date Extracted: 07/15/2024

Matrix: (soil/water) Water Date Analyzed: 07/18/2024

Level: (low/med) LOW Time Analyzed: 01:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZL4	P3217-17	BG062128.D	07/18/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071724

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: P3217-08MS		**Client Sample ID:** YDZG4MS						**DataFile:** BG062109.D			
1,4-Dioxane	16.2		5	ug/L	31				15	120	
Benzaldehyde	40.4		23	ug/L	57				0	0	
Pyridine	40.4		11	ug/L	27				0	0	
Phenol	40.4		8.7	ug/L	22				12	110	
Bis(2-chloroethyl)ether	40.4		23	ug/L	57				0	0	
2-Chlorophenol	40.4	7.9	34	ug/L	65				27	123	
2-Methylphenol	40.4		22	ug/L	54				0	0	
2,2-oxybis(1-Chloropropane)	40.4		20	ug/L	50				0	0	
Acetophenone	40.4		28	ug/L	69				0	0	
4-Methylphenol	40.4		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40.4		24	ug/L	59				41	116	
Hexachloroethane	40.4		26	ug/L	64				0	0	
Nitrobenzene	40.4		28	ug/L	69				0	0	
Isophorone	40.4		24	ug/L	59				0	0	
2-Nitrophenol	40.4		31	ug/L	77				0	0	
2,4-Dimethylphenol	40.4		29	ug/L	72				0	0	
Bis(2-chloroethoxy)methane	40.4		22	ug/L	54				0	0	
2,4-Dichlorophenol	40.4		34	ug/L	84				0	0	
Naphthalene	40.4		28	ug/L	69				0	0	
4-Chloroaniline	40.4		21	ug/L	52				0	0	
Hexachlorobutadiene	40.4		32	ug/L	79				0	0	
Caprolactam	40.4		6.2	ug/L	15				0	0	
4-Chloro-3-methylphenol	40.4		31	ug/L	77				23	97	
1-Methylnaphthalene	40.4		29	ug/L	72				0	0	
2-Methylnaphthalene	40.4		29	ug/L	72				0	0	
Hexachlorocyclopentadiene	40.4		18	ug/L	45				0	0	
2,4,6-Trichlorophenol	40.4		36	ug/L	89				0	0	
2,4,5-Trichlorophenol	40.4		35	ug/L	87				0	0	
1,1'-Biphenyl	40.4		29	ug/L	72				0	0	
2-Chloronaphthalene	40.4		30	ug/L	74				0	0	
2-Nitroaniline	40.4		37	ug/L	92				0	0	
Dimethylphthalate	40.4		31	ug/L	77				0	0	
2,6-Dinitrotoluene	40.4		36	ug/L	89				0	0	
Acenaphthylene	40.4		30	ug/L	74				0	0	
3-Nitroaniline	40.4		34	ug/L	84				0	0	
Acenaphthene	40.4		30	ug/L	74				46	118	
2,4-Dinitrophenol	40.4		35	ug/L	87				0	0	
4-Nitrophenol	40.4		14	ug/L	35				10	80	
Dibenzofuran	40.4		32	ug/L	79				0	0	
2,4-Dinitrotoluene	40.4		37	ug/L	92				24	96	
Diethylphthalate	40.4		31	ug/L	77				0	0	
Fluorene	40.4		32	ug/L	79				0	0	
4-Chlorophenyl-phenylether	40.4		33	ug/L	82				0	0	
4-Nitroaniline	40.4		34	ug/L	84				0	0	
4,6-Dinitro-2-methylphenol	40.4		37	ug/L	92				0	0	
N-Nitrosodiphenylamine	40.4		33	ug/L	82				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071724

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	40.4		33	ug/L	82				0	0	
4-Bromophenyl-phenylether	40.4		33	ug/L	82				0	0	
Hexachlorobenzene	40.4		35	ug/L	87				0	0	
Atrazine	40.4		23	ug/L	57				0	0	
Pentachlorophenol	40.4		24	ug/L	59				9	103	
Phenanthrene	40.4		32	ug/L	79				0	0	
Pentachlorobenzene	40.4		35	ug/L	87				0	0	
Anthracene	40.4		31	ug/L	77				0	0	
1,2,3,4-Tetrachlorobenzene	40.4		32	ug/L	79				0	0	
Carbazole	40.4		33	ug/L	82				0	0	
Di-n-butylphthalate	40.4		31	ug/L	77				0	0	
Fluoranthene	40.4		34	ug/L	84				0	0	
Pyrene	40.4		37	ug/L	92				26	127	
Butylbenzylphthalate	40.4		35	ug/L	87				0	0	
3,3'-Dichlorobenzidine	40.4			ug/L	0				0	0	
Benzo(a)anthracene	40.4		33	ug/L	82				0	0	
Chrysene	40.4		34	ug/L	84				0	0	
Bis(2-ethylhexyl)phthalate	40.4		31	ug/L	77				0	0	
Di-n-octylphthalate	40.4		31	ug/L	77				0	0	
Benzo(b)fluoranthene	40.4		33	ug/L	82				0	0	
Benzo(k)fluoranthene	40.4		32	ug/L	79				0	0	
Benzo(a)pyrene	40.4		29	ug/L	72				0	0	
Indeno(1,2,3-cd)pyrene	40.4		34	ug/L	84				0	0	
Dibenzo(a,h)anthracene	40.4		34	ug/L	84				0	0	
Benzo(g,h,i)perylene	40.4		33	ug/L	82				0	0	
2,3,4,6-Tetrachlorophenol	40.4		32	ug/L	79				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071724

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: P3217-09MSD		**Client Sample ID: YDZG4MSD**						**DataFile:**	**BG062110.D**		
1,4-Dioxane	16		5.8	ug/L	36		15		15	120	50
Benzaldehyde	40		22	ug/L	55		4	*	0	0	0
Pyridine	40		10	ug/L	25		8	*	0	0	0
Phenol	40		7.9	ug/L	20		10		12	110	42
Bis(2-chloroethyl)ether	40		20	ug/L	50		13	*	0	0	0
2-Chlorophenol	40	7.9	30	ug/L	55		17		27	123	40
2-Methylphenol	40		20	ug/L	50		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		18	ug/L	45		11	*	0	0	0
Acetophenone	40		26	ug/L	65		6	*	0	0	0
4-Methylphenol	40		18	ug/L	45		14	*	0	0	0
N-Nitroso-di-n-propylamine	40		23	ug/L	58		2		41	116	38
Hexachloroethane	40		25	ug/L	63		2	*	0	0	0
Nitrobenzene	40		25	ug/L	63		9	*	0	0	0
Isophorone	40		22	ug/L	55		7	*	0	0	0
2-Nitrophenol	40		28	ug/L	70		10	*	0	0	0
2,4-Dimethylphenol	40		28	ug/L	70		3	*	0	0	0
Bis(2-chloroethoxy)methane	40		21	ug/L	52		4	*	0	0	0
2,4-Dichlorophenol	40		31	ug/L	78		7	*	0	0	0
Naphthalene	40		26	ug/L	65		6	*	0	0	0
4-Chloroaniline	40		20	ug/L	50		4	*	0	0	0
Hexachlorobutadiene	40		30	ug/L	75		5	*	0	0	0
Caprolactam	40		4.3	ug/L	11		31	*	0	0	0
4-Chloro-3-methylphenol	40		29	ug/L	73		5		23	97	42
1-Methylnaphthalene	40		27	ug/L	68		6	*	0	0	0
2-Methylnaphthalene	40		27	ug/L	68		6	*	0	0	0
Hexachlorocyclopentadiene	40		15	ug/L	38		17	*	0	0	0
2,4,6-Trichlorophenol	40		32	ug/L	80		11	*	0	0	0
2,4,5-Trichlorophenol	40		32	ug/L	80		8	*	0	0	0
1,1'-Biphenyl	40		28	ug/L	70		3	*	0	0	0
2-Chloronaphthalene	40		29	ug/L	73		1	*	0	0	0
2-Nitroaniline	40		33	ug/L	83		10	*	0	0	0
Dimethylphthalate	40		30	ug/L	75		3	*	0	0	0
2,6-Dinitrotoluene	40		33	ug/L	83		7	*	0	0	0
Acenaphthylene	40		28	ug/L	70		6	*	0	0	0
3-Nitroaniline	40		29	ug/L	73		14	*	0	0	0
Acenaphthene	40		28	ug/L	70		6		46	118	31
2,4-Dinitrophenol	40		30	ug/L	75		15	*	0	0	0
4-Nitrophenol	40		12	ug/L	30		15		10	80	50
Dibenzofuran	40		29	ug/L	73		8	*	0	0	0
2,4-Dinitrotoluene	40		36	ug/L	90		2		24	96	38
Diethylphthalate	40		30	ug/L	75		3	*	0	0	0
Fluorene	40		30	ug/L	75		5	*	0	0	0
4-Chlorophenyl-phenylether	40		31	ug/L	78		5	*	0	0	0
4-Nitroaniline	40		33	ug/L	83		1	*	0	0	0
4,6-Dinitro-2-methylphenol	40		30	ug/L	75		20	*	0	0	0
N-Nitrosodiphenylamine	40		26	ug/L	65		23	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071724

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		30	ug/L	75		9	*	0	0	0
4-Bromophenyl-phenylether	40		27	ug/L	68		19	*	0	0	0
Hexachlorobenzene	40		28	ug/L	70		22	*	0	0	0
Atrazine	40		19	ug/L	48		17	*	0	0	0
Pentachlorophenol	40		17	ug/L	43		31		9	103	50
Phenanthrene	40		32	ug/L	80		1	*	0	0	0
Pentachlorobenzene	40		27	ug/L	68		25	*	0	0	0
Anthracene	40		33	ug/L	83		8	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		26	ug/L	65		19	*	0	0	0
Carbazole	40		33	ug/L	83		1	*	0	0	0
Di-n-butylphthalate	40		34	ug/L	85		10	*	0	0	0
Fluoranthene	40		34	ug/L	85		1	*	0	0	0
Pyrene	40		30	ug/L	75		20		26	127	31
Butylbenzylphthalate	40		29	ug/L	73		18	*	0	0	0
3,3'-Dichlorobenzidine	40			ug/L	0				0	0	0
Benzo(a)anthracene	40		31	ug/L	78		5	*	0	0	0
Chrysene	40		32	ug/L	80		5	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		29	ug/L	73		5	*	0	0	0
Di-n-octylphthalate	40		31	ug/L	78		1	*	0	0	0
Benzo(b)fluoranthene	40		33	ug/L	83		1	*	0	0	0
Benzo(k)fluoranthene	40		33	ug/L	83		5	*	0	0	0
Benzo(a)pyrene	40		29	ug/L	73		1	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		33	ug/L	83		1	*	0	0	0
Dibenzo(a,h)anthracene	40		32	ug/L	80		5	*	0	0	0
Benzo(g,h,i)perylene	40		33	ug/L	83		1	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		30	ug/L	75		5	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3177-10	A4BX3	BG062111.D	1,4-Dioxane-d8	8	1.55	19		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.63	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.47	34		10	150
			2-Chlorophenol-d4	40	14.07	35		15	120
			4-Methylphenol-d8	40	13.25	33		10	140
			Nitrobenzene-d5	40	16.31	41		10	135
			2-Nitrophenol-d4	40	16.86	42		10	120
			2,4-Dichlorophenol-d3	40	16.91	42		10	140
			4-Chloroaniline-d4	40	6.24	16		1	145
			Dimethylphthalate-d6	40	16.99	42		10	145
			Acenaphthylene-d8	40	16.84	42		15	120
			4-Nitrophenol-d4	40	11.78	29		10	150
			Fluorene-d10	40	17.78	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.46	41		10	130
			Anthracene-d10	40	16.78	42		10	150
			Pyrene-d10	40	11.26	28		10	130
			Benzo(a)pyrene-d12	40	7.77	19		10	140

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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-07	YDZG4	BG062108.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Pyridine-d5	40	7.84	20		20	120
			Phenol-d5	40	8.26	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.96	60		25	120
			2-Chlorophenol-d4	40	28.08	70		20	130
			4-Methylphenol-d8	40	19.03	48		25	125
			Nitrobenzene-d5	40	31.88	80		20	125
			2-Nitrophenol-d4	40	35.12	88		20	130
			2,4-Dichlorophenol-d3	40	34.03	85		20	120
			4-Chloroaniline-d4	40	17.28	43		1	146
			Dimethylphthalate-d6	40	33.81	85		25	130
			Acenaphthylene-d8	40	34.09	85		10	130
			4-Nitrophenol-d4	40	9.45	24		10	150
			Fluorene-d10	40	46.46	116		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.05	90		10	130
			Anthracene-d10	40	34.83	87		25	130
			Pyrene-d10	40	35.73	89		15	130
			Benzo(a)pyrene-d12	40	35.32	88		20	130
P3217-08MS	YDZG4MS	BG062109.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Pyridine-d5	40	10.70	27		20	120
			Phenol-d5	40	8.80	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.01	58		25	120
			2-Chlorophenol-d4	40	29.38	73		20	130
			4-Methylphenol-d8	40	20.53	51		25	125
			Nitrobenzene-d5	40	32.68	82		20	125
			2-Nitrophenol-d4	40	35.74	89		20	130
			2,4-Dichlorophenol-d3	40	37.11	93		20	120
			4-Chloroaniline-d4	40	24.09	60		1	146
			Dimethylphthalate-d6	40	34.82	87		25	130
			Acenaphthylene-d8	40	35.37	88		10	130
			4-Nitrophenol-d4	40	9.84	25		10	150
			Fluorene-d10	40	36.28	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.74	99		10	130
			Anthracene-d10	40	36.07	90		25	130
			Pyrene-d10	40	40.55	101		15	130
			Benzo(a)pyrene-d12	40	36.18	90		20	130
P3217-09MSD	YDZG4MSD	BG062110.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	9.99	25		20	120
			Phenol-d5	40	8.59	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.62	57		25	120
			2-Chlorophenol-d4	40	27.13	68		20	130
			4-Methylphenol-d8	40	18.68	47		25	125
			Nitrobenzene-d5	40	31.00	78		20	125
			2-Nitrophenol-d4	40	32.78	82		20	130
			2,4-Dichlorophenol-d3	40	33.78	84		20	120
			4-Chloroaniline-d4	40	21.63	54		1	146
			Dimethylphthalate-d6	40	33.82	85		25	130
			Acenaphthylene-d8	40	32.62	82		10	130
			4-Nitrophenol-d4	40	9.06	23		10	150

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

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-09MSD	YDZG4MSD	BG062110.D	Fluorene-d10	40	33.94	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.63	79		10	130
			Anthracene-d10	40	37.19	93		25	130
			Pyrene-d10	40	33.42	84		15	130
			Benzo(a)pyrene-d12	40	36.83	92		20	130
PB162043BL	PB162043BL	BG062107.D	Pyridine-d5	40	19.77	49		20	120
			1,4-Dioxane-d8	8	5.40	68		15	120
			Phenol-d5	40	24.03	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.29	56		25	120
			2-Chlorophenol-d4	40	28.95	72		20	130
			4-Methylphenol-d8	40	23.04	58		25	125
			Nitrobenzene-d5	40	27.83	70		20	125
			2-Nitrophenol-d4	40	24.96	62		20	130
			2,4-Dichlorophenol-d3	40	26.28	66		20	120
			4-Chloroaniline-d4	40	24.29	61		1	146
			Dimethylphthalate-d6	40	32.83	82		25	130
			Acenaphthylene-d8	40	31.14	78		10	130
			4-Nitrophenol-d4	40	24.12	60		10	150
			Fluorene-d10	40	32.53	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.73	59		10	130
			Anthracene-d10	40	28.00	70		25	130
			Pyrene-d10	40	28.84	72		15	130
			Benzo(a)pyrene-d12	40	27.92	70		20	130
PB162043BS	PB162043BS	BG062112.D	1,4-Dioxane-d8	8	8.04	101		15	120
			Pyridine-d5	40	26.11	65		20	120
			Phenol-d5	40	26.86	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.23	56		25	120
			2-Chlorophenol-d4	40	28.99	72		20	130
			4-Methylphenol-d8	40	27.83	70		25	125
			Nitrobenzene-d5	40	30.02	75		20	125
			2-Nitrophenol-d4	40	32.03	80		20	130
			2,4-Dichlorophenol-d3	40	33.17	83		20	120
			4-Chloroaniline-d4	40	24.71	62		1	146
			Dimethylphthalate-d6	40	29.95	75		25	130
			Acenaphthylene-d8	40	31.99	80		10	130
			4-Nitrophenol-d4	40	26.05	65		10	150
			Fluorene-d10	40	31.88	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.04	88		10	130
			Anthracene-d10	40	31.78	79		25	130
			Pyrene-d10	40	31.76	79		15	130
			Benzo(a)pyrene-d12	40	33.14	83		20	130

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3201-07	A4D62	BG062113.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	13.01	33		20	120
			Phenol-d5	40	7.72	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.16	55		25	120
			2-Chlorophenol-d4	40	26.36	66		20	130
			4-Methylphenol-d8	40	18.83	47		25	125
			Nitrobenzene-d5	40	31.64	79		20	125
			2-Nitrophenol-d4	40	33.89	85		20	130
			2,4-Dichlorophenol-d3	40	36.16	90		20	120
			4-Chloroaniline-d4	40	16.83	42		1	146
			Dimethylphthalate-d6	40	33.10	83		25	130
			Acenaphthylene-d8	40	33.89	85		10	130
			4-Nitrophenol-d4	40	4.64	12		10	150
			Fluorene-d10	40	34.44	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.80	77		10	130
			Anthracene-d10	40	35.05	88		25	130
			Pyrene-d10	40	37.00	92		15	130
			Benzo(a)pyrene-d12	40	35.66	89		20	130
P3217-01	YDZC3	BG062114.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	10.14	25		20	120
			Phenol-d5	40	7.30	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.08	55		25	120
			2-Chlorophenol-d4	40	26.32	66		20	130
			4-Methylphenol-d8	40	16.26	41		25	125
			Nitrobenzene-d5	40	30.98	77		20	125
			2-Nitrophenol-d4	40	30.23	76		20	130
			2,4-Dichlorophenol-d3	40	31.38	78		20	120
			4-Chloroaniline-d4	40	15.81	40		1	146
			Dimethylphthalate-d6	40	29.04	73		25	130
			Acenaphthylene-d8	40	29.96	75		10	130
			4-Nitrophenol-d4	40	9.10	23		10	150
			Fluorene-d10	40	28.87	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.95	82		10	130
			Anthracene-d10	40	31.98	80		25	130
			Pyrene-d10	40	31.91	80		15	130
			Benzo(a)pyrene-d12	40	31.38	78		20	130
P3217-01DL	YDZC3DL	BG062129.D	1,4-Dioxane-d8	8	5.19	65		15	120
			Pyridine-d5	40	10.28	26		20	120
			Phenol-d5	40	6.75	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.31	63		25	120
			2-Chlorophenol-d4	40	28.56	71		20	130
			4-Methylphenol-d8	40	19.55	49		25	125
			Nitrobenzene-d5	40	35.26	88		20	125
			2-Nitrophenol-d4	40	32.38	81		20	130
			2,4-Dichlorophenol-d3	40	33.26	83		20	120
			4-Chloroaniline-d4	40	20.03	50		1	146
			Dimethylphthalate-d6	40	31.95	80		25	130
			Acenaphthylene-d8	40	34.22	86		10	130
			4-Nitrophenol-d4	40	8.90	22		10	150

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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-01DL	YDZC3DL	BG062129.D	Fluorene-d10	40	32.98	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.69	52		10	130
			Anthracene-d10	40	32.29	81		25	130
			Pyrene-d10	40	33.92	85		15	130
			Benzo(a)pyrene-d12	40	35.00	88		20	130
P3217-02	YDZC4	BG062118.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	8.62	22		20	120
			Phenol-d5	40	6.95	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.60	54		25	120
			2-Chlorophenol-d4	40	27.16	68		20	130
			4-Methylphenol-d8	40	17.03	43		25	125
			Nitrobenzene-d5	40	28.84	72		20	125
			2-Nitrophenol-d4	40	30.32	76		20	130
			2,4-Dichlorophenol-d3	40	31.12	78		20	120
			4-Chloroaniline-d4	40	14.68	37		1	146
			Dimethylphthalate-d6	40	27.33	68		25	130
			Acenaphthylene-d8	40	27.26	68		10	130
			4-Nitrophenol-d4	40	7.85	20		10	150
			Fluorene-d10	40	28.33	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.85	82		10	130
			Anthracene-d10	40	30.76	77		25	130
			Pyrene-d10	40	32.23	81		15	130
			Benzo(a)pyrene-d12	40	30.97	77		20	130
P3217-10	YDZG5	BG062119.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Pyridine-d5	40	8.01	20		20	120
			Phenol-d5	40	7.74	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.19	55		25	120
			2-Chlorophenol-d4	40	25.56	64		20	130
			4-Methylphenol-d8	40	16.77	42		25	125
			Nitrobenzene-d5	40	34.05	85		20	125
			2-Nitrophenol-d4	40	35.33	88		20	130
			2,4-Dichlorophenol-d3	40	34.23	86		20	120
			4-Chloroaniline-d4	40	22.92	57		1	146
			Dimethylphthalate-d6	40	33.88	85		25	130
			Acenaphthylene-d8	40	35.53	89		10	130
			4-Nitrophenol-d4	40	7.78	19		10	150
			Fluorene-d10	40	36.90	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.53	84		10	130
			Anthracene-d10	40	34.00	85		25	130
			Pyrene-d10	40	35.39	88		15	130
			Benzo(a)pyrene-d12	40	35.89	90		20	130
P3217-12	YDZH5	BG062120.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	13.54	34		20	120
			Phenol-d5	40	9.70	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.29	61		25	120
			2-Chlorophenol-d4	40	31.86	80		20	130
			4-Methylphenol-d8	40	21.90	55		25	125
			Nitrobenzene-d5	40	34.74	87		20	125
			2-Nitrophenol-d4	40	36.83	92		20	130

CHEMTECH
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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-12	YDZH5	BG062120.D	2,4-Dichlorophenol-d3	40	37.42	94		20	120
			4-Chloroaniline-d4	40	21.18	53		1	146
			Dimethylphthalate-d6	40	36.14	90		25	130
			Acenaphthylene-d8	40	37.29	93		10	130
			4-Nitrophenol-d4	40	8.96	22		10	150
			Fluorene-d10	40	37.05	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.87	97		10	130
			Anthracene-d10	40	37.67	94		25	130
			Pyrene-d10	40	38.05	95		15	130
			Benzo(a)pyrene-d12	40	39.24	98		20	130
PB162053BL	PB162053BL	BG062116.D	Pyridine-d5	40	17.24	43		20	120
			1,4-Dioxane-d8	8	4.76	59		15	120
			Phenol-d5	40	19.66	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.23	41		25	120
			2-Chlorophenol-d4	40	21.31	53		20	130
			4-Methylphenol-d8	40	18.75	47		25	125
			Nitrobenzene-d5	40	25.16	63		20	125
			2-Nitrophenol-d4	40	27.30	68		20	130
			2,4-Dichlorophenol-d3	40	27.88	70		20	120
			4-Chloroaniline-d4	40	22.94	57		1	146
			Dimethylphthalate-d6	40	25.73	64		25	130
			Acenaphthylene-d8	40	25.19	63		10	130
			4-Nitrophenol-d4	40	22.99	57		10	150
			Fluorene-d10	40	26.92	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.43	64		10	130
			Anthracene-d10	40	26.35	66		25	130
			Pyrene-d10	40	27.67	69		15	130
			Benzo(a)pyrene-d12	40	28.41	71		20	130
PB162053BS	PB162053BS	BG062130.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	18.25	46		20	120
			Phenol-d5	40	25.39	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.16	50		25	120
			2-Chlorophenol-d4	40	26.94	67		20	130
			4-Methylphenol-d8	40	25.61	64		25	125
			Nitrobenzene-d5	40	27.59	69		20	125
			2-Nitrophenol-d4	40	31.11	78		20	130
			2,4-Dichlorophenol-d3	40	32.11	80		20	120
			4-Chloroaniline-d4	40	24.08	60		1	146
			Dimethylphthalate-d6	40	28.91	72		25	130
			Acenaphthylene-d8	40	30.24	76		10	130
			4-Nitrophenol-d4	40	25.58	64		10	150
			Fluorene-d10	40	31.95	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.15	78		10	130
			Anthracene-d10	40	29.19	73		25	130
			Pyrene-d10	40	30.71	77		15	130
			Benzo(a)pyrene-d12	40	30.35	76		20	130

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-13	YDZH6	BG062122.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	5.68	14	*	20	120
			Phenol-d5	40	5.79	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.04	48		25	120
			2-Chlorophenol-d4	40	22.14	55		20	130
			4-Methylphenol-d8	40	13.77	34		25	125
			Nitrobenzene-d5	40	27.72	69		20	125
			2-Nitrophenol-d4	40	29.80	75		20	130
			2,4-Dichlorophenol-d3	40	29.26	73		20	120
			4-Chloroaniline-d4	40	19.62	49		1	146
			Dimethylphthalate-d6	40	28.26	71		25	130
			Acenaphthylene-d8	40	28.32	71		10	130
			4-Nitrophenol-d4	40	5.27	13		10	150
			Fluorene-d10	40	30.77	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.93	85		10	130
			Anthracene-d10	40	32.64	82		25	130
			Pyrene-d10	40	33.94	85		15	130
			Benzo(a)pyrene-d12	40	33.43	84		20	130
P3217-15	YDZK3	BG062123.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	7.97	20		20	120
			Phenol-d5	40	6.82	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.41	44		25	120
			2-Chlorophenol-d4	40	22.92	57		20	130
			4-Methylphenol-d8	40	14.23	36		25	125
			Nitrobenzene-d5	40	27.00	68		20	125
			2-Nitrophenol-d4	40	28.79	72		20	130
			2,4-Dichlorophenol-d3	40	30.20	75		20	120
			4-Chloroaniline-d4	40	4.46	11		1	146
			Dimethylphthalate-d6	40	26.97	67		25	130
			Acenaphthylene-d8	40	28.33	71		10	130
			4-Nitrophenol-d4	40	7.11	18		10	150
			Fluorene-d10	40	29.05	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.96	75		10	130
			Anthracene-d10	40	27.94	70		25	130
			Pyrene-d10	40	30.10	75		15	130
			Benzo(a)pyrene-d12	40	30.22	76		20	130
P3217-16	YDZK5	BG062124.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Pyridine-d5	40	7.84	20		20	120
			Phenol-d5	40	5.57	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.36	36		25	120
			2-Chlorophenol-d4	40	18.11	45		20	130
			4-Methylphenol-d8	40	13.27	33		25	125
			Nitrobenzene-d5	40	21.99	55		20	125
			2-Nitrophenol-d4	40	22.33	56		20	130
			2,4-Dichlorophenol-d3	40	25.16	63		20	120
			4-Chloroaniline-d4	40	16.51	41		1	146
			Dimethylphthalate-d6	40	24.49	61		25	130
			Acenaphthylene-d8	40	24.06	60		10	130
			4-Nitrophenol-d4	40	5.91	15		10	150

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-16	YDZK5	BG062124.D	Fluorene-d10	40	25.81	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.11	70		10	130
			Anthracene-d10	40	25.92	65		25	130
			Pyrene-d10	40	27.14	68		15	130
			Benzo(a)pyrene-d12	40	27.45	69		20	130
P3217-19	YDZD6	BG062125.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	11.81	30		20	120
			Phenol-d5	40	5.24	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.18	30		25	120
			2-Chlorophenol-d4	40	15.67	39		20	130
			4-Methylphenol-d8	40	11.54	29		25	125
			Nitrobenzene-d5	40	19.45	49		20	125
			2-Nitrophenol-d4	40	20.48	51		20	130
			2,4-Dichlorophenol-d3	40	19.47	49		20	120
			4-Chloroaniline-d4	40	10.78	27		1	146
			Dimethylphthalate-d6	40	18.95	47		25	130
			Acenaphthylene-d8	40	19.09	48		10	130
			4-Nitrophenol-d4	40	8.19	20		10	150
			Fluorene-d10	40	19.30	48		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.38	46		10	130
			Anthracene-d10	40	20.34	51		25	130
			Pyrene-d10	40	20.19	50		15	130
			Benzo(a)pyrene-d12	40	21.81	55		20	130
P3217-21	YDZF0	BG062126.D	1,4-Dioxane-d8	8	3.56	45		15	120
			Pyridine-d5	40	11.76	29		20	120
			Phenol-d5	40	5.05	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.57	24	*	25	120
			2-Chlorophenol-d4	40	12.48	31		20	130
			4-Methylphenol-d8	40	9.89	25		25	125
			Nitrobenzene-d5	40	14.16	35		20	125
			2-Nitrophenol-d4	40	13.89	35		20	130
			2,4-Dichlorophenol-d3	40	14.22	36		20	120
			4-Chloroaniline-d4	40	13.05	33		1	146
			Dimethylphthalate-d6	40	12.16	30		25	130
			Acenaphthylene-d8	40	10.40	26		10	130
			4-Nitrophenol-d4	40	4.26	11		10	150
			Fluorene-d10	40	10.59	26		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.14	23		10	130
			Anthracene-d10	40	11.71	29		25	130
			Pyrene-d10	40	11.93	30		15	130
			Benzo(a)pyrene-d12	40	12.62	32		20	130
P3217-22	YDZJ8	BG062127.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Pyridine-d5	40	8.35	21		20	120
			Phenol-d5	40	6.98	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.11	43		25	120
			2-Chlorophenol-d4	40	23.29	58		20	130
			4-Methylphenol-d8	40	14.60	36		25	125
			Nitrobenzene-d5	40	24.30	61		20	125
			2-Nitrophenol-d4	40	27.81	70		20	130

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-22	YDZJ8	BG062127.D	2,4-Dichlorophenol-d3	40	28.52	71		20	120
			4-Chloroaniline-d4	40	12.95	32		1	146
			Dimethylphthalate-d6	40	26.20	65		25	130
			Acenaphthylene-d8	40	26.26	66		10	130
			4-Nitrophenol-d4	40	7.26	18		10	150
			Fluorene-d10	40	27.16	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.50	64		10	130
			Anthracene-d10	40	27.53	69		25	130
			Pyrene-d10	40	27.09	68		15	130
			Benzo(a)pyrene-d12	40	28.99	72		20	130
PB162055BL	PB162055BL	BG062117.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Pyridine-d5	40	20.06	50		20	120
			Phenol-d5	40	21.87	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.31	46		25	120
			2-Chlorophenol-d4	40	23.79	59		20	130
			4-Methylphenol-d8	40	22.59	56		25	125
			Nitrobenzene-d5	40	26.45	66		20	125
			2-Nitrophenol-d4	40	28.64	72		20	130
			2,4-Dichlorophenol-d3	40	25.28	63		20	120
			4-Chloroaniline-d4	40	22.08	55		1	146
			Dimethylphthalate-d6	40	24.80	62		25	130
			Acenaphthylene-d8	40	25.15	63		10	130
			4-Nitrophenol-d4	40	21.28	53		10	150
			Fluorene-d10	40	26.07	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.75	67		10	130
			Anthracene-d10	40	26.12	65		25	130
			Pyrene-d10	40	25.85	65		15	130
			Benzo(a)pyrene-d12	40	26.22	66		20	130
PB162055BS	PB162055BS	BG062121.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	21.56	54		20	120
			Phenol-d5	40	25.97	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.03	50		25	120
			2-Chlorophenol-d4	40	27.24	68		20	130
			4-Methylphenol-d8	40	25.28	63		25	125
			Nitrobenzene-d5	40	29.91	75		20	125
			2-Nitrophenol-d4	40	31.82	80		20	130
			2,4-Dichlorophenol-d3	40	30.98	77		20	120
			4-Chloroaniline-d4	40	23.32	58		1	146
			Dimethylphthalate-d6	40	28.13	70		25	130
			Acenaphthylene-d8	40	28.63	72		10	130
			4-Nitrophenol-d4	40	26.41	66		10	150
			Fluorene-d10	40	31.27	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.23	81		10	130
			Anthracene-d10	40	29.97	75		25	130
			Pyrene-d10	40	29.65	74		15	130
			Benzo(a)pyrene-d12	40	31.07	78		20	130

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Surrogate Summary

SW-846

SDG No.: BG071724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3217-17	YDZL4	BG062128.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Pyridine-d5	40	8.78	22		20	120
			Phenol-d5	40	7.14	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.52	49		25	120
			2-Chlorophenol-d4	40	24.62	62		20	130
			4-Methylphenol-d8	40	15.99	40		25	125
			Nitrobenzene-d5	40	32.51	81		20	125
			2-Nitrophenol-d4	40	34.11	85		20	130
			2,4-Dichlorophenol-d3	40	34.67	87		20	120
			4-Chloroaniline-d4	40	23.20	58		1	146
			Dimethylphthalate-d6	40	32.47	81		25	130
			Acenaphthylene-d8	40	35.63	89		10	130
			4-Nitrophenol-d4	40	7.06	18		10	150
			Fluorene-d10	40	34.70	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.20	81		10	130
			Anthracene-d10	40	35.38	88		25	130
			Pyrene-d10	40	35.27	88		15	130
			Benzo(a)pyrene-d12	40	35.59	89		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG071724

Lab Code: CHEM SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062105.D DFTPP Injection Date: 07/17/2024

Instrument ID: BNA_G DFTPP Injection Time: 07:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	54.6
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	46.5
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	7.5
275	10.0 - 60.0% of mass 198	32.1
365	Greater than 1% of mass 198	6.4
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	96.3
443	15.0 - 24.0% of mass 442	18.2 (18.9) 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
SSTD020576	SSTDCCC020	BG062106.D	07/17/2024	10:13
SBLK043	PB162043BL	BG062107.D	07/17/2024	10:57
YDZG4	P3217-07	BG062108.D	07/17/2024	11:38
YDZG4MS	P3217-08MS	BG062109.D	07/17/2024	12:19
YDZG4MSD	P3217-09MSD	BG062110.D	07/17/2024	13:00
A4BX3	P3177-10	BG062111.D	07/17/2024	13:40
SLCS043	PB162043BS	BG062112.D	07/17/2024	14:21
A4D62	P3201-07	BG062113.D	07/17/2024	15:03
YDZC3	P3217-01	BG062114.D	07/17/2024	15:44
SSTD020577	SSTDCCC020	BG062115.D	07/17/2024	16:25
SBLK053	PB162053BL	BG062116.D	07/17/2024	17:06
SBLK055	PB162055BL	BG062117.D	07/17/2024	17:48
YDZC4	P3217-02	BG062118.D	07/17/2024	18:30
YDZG5	P3217-10	BG062119.D	07/17/2024	19:11
YDZH5	P3217-12	BG062120.D	07/17/2024	19:52
SLCS055	PB162055BS	BG062121.D	07/17/2024	20:32
YDZH6	P3217-13	BG062122.D	07/17/2024	21:14
YDZK3	P3217-15	BG062123.D	07/17/2024	21:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG071724

Lab Code: CHEM SAS No.: BG071724 SDG NO.: BG071724

Lab File ID: BG062105.D DFTPP Injection Date: 07/17/2024

Instrument ID: BNA_G DFTPP Injection Time: 07:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	54.6
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	46.5
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	7.5
275	10.0 - 60.0% of mass 198	32.1
365	Greater than 1% of mass 198	6.4
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	96.3
443	15.0 - 24.0% of mass 442	18.2 (18.9) 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
YDZK5	P3217-16	BG062124.D	07/17/2024	22:36
YDZD6	P3217-19	BG062125.D	07/17/2024	23:17
YDZF0	P3217-21	BG062126.D	07/17/2024	23:59
YDZJ8	P3217-22	BG062127.D	07/18/2024	00:40
YDZL4	P3217-17	BG062128.D	07/18/2024	01:21
YDZC3DL	P3217-01DL	BG062129.D	07/18/2024	02:01
SLCS053	PB162053BS	BG062130.D	07/18/2024	02:42
SSTD020578	SSTDCCC020EC	BG062131.D	07/18/2024	04:04