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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 11:33

Lab File ID: BM045311.D Init. Calib. Date(s):

EPA Sample No.: SSTD020105 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.559	0.563	0.010	0.7289	40.0
Benzaldehyde	0.786	1.070	0.010	36.088	40.0
Pyridine	1.543	1.381	0.010	-10.5107	40.0
Phenol	1.756	1.704	0.080	-2.9226	20.0
Bis(2-Chloroethyl)ether	1.370	1.398	0.100	2.0229	20.0
2-Chlorophenol	1.394	1.455	0.200	4.3798	20.0
2-Methylphenol	1.296	1.273	0.010	-1.8009	20.0
2,2-oxybis(1-Chloropropane)	1.634	1.725	0.010	5.5215	40.0
Acetophenone	2.158	2.149	0.060	-0.4059	20.0
4-Methylphenol	1.397	1.343	0.010	-3.8553	20.0
N-Nitroso-di-n-propylamine	1.019	1.074	0.050	5.3858	30.0
Hexachloroethane	0.613	0.689	0.100	12.4581	20.0
Nitrobenzene	0.377	0.414	0.050	9.7533	25.0
Isophorone	0.692	0.702	0.050	1.3161	25.0
2-Nitrophenol	0.180	0.185	0.050	2.7873	25.0
2,4-Dimethylphenol	0.347	0.371	0.050	7.0518	25.0
Bis(2-Chloroethoxy)methane	0.411	0.444	0.050	8.0948	20.0
2,4-Dichlorophenol	0.300	0.315	0.060	4.9503	20.0
Naphthalene	1.059	1.110	0.200	4.8283	20.0
4-Chloroaniline	0.461	0.435	0.010	-5.453	40.0
Hexachlorobutadiene	0.187	0.196	0.040	5.1024	30.0
Caprolactam	0.101	0.078	0.010	-22.8408	40.0
4-Chloro-3-methylphenol	0.299	0.296	0.040	-0.9931	25.0
1-Methylnaphthalene	0.700	0.720	0.100	2.9885	20.0
2-Methylnaphthalene	0.691	0.713	0.100	3.0874	20.0
Hexachlorocyclopentadiene	0.331	0.349	0.010	5.294	40.0
2,4,6-Trichlorophenol	0.357	0.348	0.090	-2.3624	25.0
2,4,5-Trichlorophenol	0.393	0.390	0.100	-0.8373	25.0
1,1-Biphenyl	1.412	1.523	0.200	7.874	20.0
2-Chloronaphthalene	1.147	1.195	0.300	4.1644	20.0
2-Nitroaniline	0.317	0.310	0.050	-1.9826	40.0
Dimethylphthalate	1.456	1.411	0.300	-3.0727	20.0
2,6-Dinitrotoluene	0.285	0.262	0.080	-8.1596	30.0
Acenaphthylene	1.921	1.971	0.400	2.588	20.0
3-Nitroaniline	0.311	0.267	0.010	-14.0815	40.0
Acenaphthene	1.282	1.338	0.200	4.3417	20.0
2,4-Dinitrophenol	0.170	0.108	0.010	-36.5398	40.0
4-Nitrophenol	0.256	0.199	0.010	-22.2395	40.0
Dibenzofuran	1.754	1.783	0.300	1.6246	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 11:33

Lab File ID: BM045311.D Init. Calib. Date(s):

EPA Sample No.: SSTD020105 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.427	0.400	0.070	-6.2823	30.0
Diethylphthalate	1.485	1.486	0.300	0.04	20.0
Fluorene	1.479	1.460	0.200	-1.2736	20.0
4-Chlorophenyl-phenylether	0.693	0.684	0.100	-1.2726	20.0
4-Nitroaniline	0.283	0.240	0.010	-15.0724	40.0
4,6-Dinitro-2-methylphenol	0.127	0.105	0.010	-17.4748	40.0
N-Nitrosodiphenylamine	0.540	0.601	0.050	11.4449	20.0
1,2,4,5-Tetrachlorobenzene	0.547	0.582	0.100	6.3683	20.0
4-Bromophenyl-phenylether	0.195	0.213	0.070	9.4827	20.0
Hexachlorobenzene	0.253	0.260	0.050	2.4325	25.0
Atrazine	0.198	0.192	0.010	-3.3094	25.0
Pentachlorophenol	0.154	0.124	0.010	-19.4748	40.0
Phenanthrene	1.076	1.109	0.200	3.0322	20.0
Pentachlorobenzene	0.268	0.305	0.050	13.6285	20.0
Anthracene	1.101	1.165	0.200	5.8145	20.0
1,2,3,4-Tetrachlorobenzene	0.252	0.287	0.050	13.6718	20.0
Carbazole	1.062	0.995	0.050	-6.2749	40.0
Di-n-butylphthalate	1.197	1.281	0.500	6.9705	25.0
Fluoranthene	1.162	1.242	0.400	6.9429	25.0
Pyrene	1.253	1.341	0.400	6.9635	25.0
Butylbenzylphthalate	0.525	0.551	0.100	4.8702	40.0
3,3-Dichlorobenzidine	0.445	0.433	0.010	-2.6551	40.0
Benzo(a)anthracene	1.357	1.392	0.300	2.5497	30.0
Chrysene	1.265	1.305	0.200	3.1739	30.0
Bis(2-ethylhexyl)phthalate	0.821	0.907	0.200	10.4662	40.0
Di-n-octyl phthalate	1.258	1.165	0.010	-7.3981	40.0
Benzo(b)fluoranthene	1.166	1.166	0.200	0.0428	25.0
Benzo(k)fluoranthene	1.173	1.153	0.200	-1.7594	25.0
Benzo(a)pyrene	1.134	1.147	0.200	1.0903	20.0
Indeno(1,2,3-cd)pyrene	1.470	1.586	0.200	7.9245	25.0
Dibenzo(a,h)anthracene	1.229	1.319	0.200	7.3641	30.0
Benzo(g,h,i)perylene	1.159	1.267	0.200	9.3114	30.0
2,3,4,6-Tetrachlorophenol	0.336	0.300	0.040	-10.697	20.0
1,4-Dioxane-d8	0.536	0.478	0.010	-10.7448	25.0
Pyridine-d5	1.456	1.339	0.010	-8.0949	40.0
Phenol-d5	1.696	1.631	0.010	-3.8191	25.0
Bis-(2-Chloroethyl)ether-d8	1.010	1.076	0.050	6.4848	25.0
2-Chlorophenol-d4	1.328	1.423	0.200	7.1038	20.0
4-Methylphenol-d8	1.327	1.288	0.010	-2.9319	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 11:33

Lab File ID: BM045311.D Init. Calib. Date(s):

EPA Sample No.: SSTD020105 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.160	0.050	4.2514	20.0
2-Nitrophenol-d4	0.162	0.167	0.050	3.0847	30.0
2,4-Dichlorophenol-d3	0.297	0.307	0.060	3.2612	20.0
4-Chloroaniline-d4	0.473	0.443	0.010	-6.3644	40.0
Dimethylphthalate-d6	1.393	1.370	0.300	-1.6058	20.0
Acenaphthylene-d8	1.645	1.667	0.400	1.3192	20.0
4-Nitrophenol-d4	0.291	0.198	0.010	-31.8492	40.0
Fluorene-d10	1.241	1.224	0.100	-1.4283	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.095	0.010	-20.2187	40.0
Anthracene-d10	0.900	0.930	0.300	3.3467	20.0
Pyrene-d10	0.985	1.019	0.300	3.4508	25.0
Benzo(a)pyrene-d12	0.976	0.989	0.010	1.3867	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.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 21:56

Lab File ID: BM045328.D Init. Calib. Date(s):

EPA Sample No.: SSTD020106 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.559	0.492	0.010	-12.0227	40.0
Benzaldehyde	0.786	0.994	0.010	26.4513	40.0
Pyridine	1.543	1.306	0.010	-15.3727	40.0
Phenol	1.756	1.583	0.080	-9.8208	20.0
Bis(2-Chloroethyl)ether	1.370	1.347	0.100	-1.7345	20.0
2-Chlorophenol	1.394	1.373	0.200	-1.4874	20.0
2-Methylphenol	1.296	1.245	0.010	-3.9348	20.0
2,2-oxybis(1-Chloropropane)	1.634	1.642	0.010	0.4587	40.0
Acetophenone	2.158	2.084	0.060	-3.3988	20.0
4-Methylphenol	1.397	1.346	0.010	-3.6512	20.0
N-Nitroso-di-n-propylamine	1.019	1.057	0.050	3.7589	30.0
Hexachloroethane	0.613	0.652	0.100	6.3608	20.0
Nitrobenzene	0.377	0.410	0.050	8.8588	25.0
Isophorone	0.692	0.737	0.050	6.3805	25.0
2-Nitrophenol	0.180	0.193	0.050	7.5034	25.0
2,4-Dimethylphenol	0.347	0.357	0.050	2.851	25.0
Bis(2-Chloroethoxy)methane	0.411	0.444	0.050	8.2734	20.0
2,4-Dichlorophenol	0.300	0.315	0.060	4.837	20.0
Naphthalene	1.059	1.068	0.200	0.8579	20.0
4-Chloroaniline	0.461	0.430	0.010	-6.5883	40.0
Hexachlorobutadiene	0.187	0.190	0.040	1.4716	30.0
Caprolactam	0.101	0.085	0.010	-15.7447	40.0
4-Chloro-3-methylphenol	0.299	0.305	0.040	2.0331	25.0
1-Methylnaphthalene	0.700	0.718	0.100	2.5775	20.0
2-Methylnaphthalene	0.691	0.703	0.100	1.7608	20.0
Hexachlorocyclopentadiene	0.331	0.353	0.010	6.4678	40.0
2,4,6-Trichlorophenol	0.357	0.371	0.090	4.1007	25.0
2,4,5-Trichlorophenol	0.393	0.407	0.100	3.5639	25.0
1,1-Biphenyl	1.412	1.494	0.200	5.7531	20.0
2-Chloronaphthalene	1.147	1.181	0.300	2.9529	20.0
2-Nitroaniline	0.317	0.325	0.050	2.6872	40.0
Dimethylphthalate	1.456	1.481	0.300	1.7266	20.0
2,6-Dinitrotoluene	0.285	0.283	0.080	-0.907	30.0
Acenaphthylene	1.921	1.939	0.400	0.8939	20.0
3-Nitroaniline	0.311	0.289	0.010	-6.9926	40.0
Acenaphthene	1.282	1.299	0.200	1.2824	20.0
2,4-Dinitrophenol	0.170	0.111	0.010	-34.6209	40.0
4-Nitrophenol	0.256	0.189	0.010	-25.8758	40.0
Dibenzofuran	1.754	1.675	0.300	-4.5502	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 21:56

Lab File ID: BM045328.D Init. Calib. Date(s):

EPA Sample No.: SSTD020106 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.427	0.398	0.070	-6.8913	30.0
Diethylphthalate	1.485	1.523	0.300	2.5829	20.0
Fluorene	1.479	1.359	0.200	-8.1052	20.0
4-Chlorophenyl-phenylether	0.693	0.633	0.100	-8.6602	20.0
4-Nitroaniline	0.283	0.237	0.010	-16.2845	40.0
4,6-Dinitro-2-methylphenol	0.127	0.111	0.010	-12.9679	40.0
N-Nitrosodiphenylamine	0.540	0.593	0.050	9.9472	20.0
1,2,4,5-Tetrachlorobenzene	0.547	0.563	0.100	2.884	20.0
4-Bromophenyl-phenylether	0.195	0.215	0.070	10.5122	20.0
Hexachlorobenzene	0.253	0.257	0.050	1.5383	25.0
Atrazine	0.198	0.193	0.010	-2.5182	25.0
Pentachlorophenol	0.154	0.131	0.010	-14.6857	40.0
Phenanthrene	1.076	1.089	0.200	1.1712	20.0
Pentachlorobenzene	0.268	0.301	0.050	12.2989	20.0
Anthracene	1.101	1.111	0.200	0.951	20.0
1,2,3,4-Tetrachlorobenzene	0.252	0.287	0.050	13.8745	20.0
Carbazole	1.062	0.946	0.050	-10.8589	40.0
Di-n-butylphthalate	1.197	1.256	0.500	4.8796	25.0
Fluoranthene	1.162	1.451	0.400	24.9534	25.0
Pyrene	1.253	1.529	0.400	21.9936	25.0
Butylbenzylphthalate	0.525	0.607	0.100	15.595	40.0
3,3-Dichlorobenzidine	0.445	0.414	0.010	-6.8817	40.0
Benzo(a)anthracene	1.357	1.331	0.300	-1.9392	30.0
Chrysene	1.265	1.248	0.200	-1.374	30.0
Bis(2-ethylhexyl)phthalate	0.821	0.899	0.200	9.5697	40.0
Di-n-octyl phthalate	1.258	1.224	0.010	-2.7266	40.0
Benzo(b)fluoranthene	1.166	1.197	0.200	2.6829	25.0
Benzo(k)fluoranthene	1.173	1.154	0.200	-1.6645	25.0
Benzo(a)pyrene	1.134	1.143	0.200	0.7632	20.0
Indeno(1,2,3-cd)pyrene	1.470	1.536	0.200	4.5015	25.0
Dibenzo(a,h)anthracene	1.229	1.289	0.200	4.8832	30.0
Benzo(g,h,i)perylene	1.159	1.257	0.200	8.4173	30.0
2,3,4,6-Tetrachlorophenol	0.336	0.323	0.040	-4.0051	20.0
1,4-Dioxane-d8	0.536	0.467	0.010	-12.838	25.0
Pyridine-d5	1.456	1.241	0.010	-14.809	40.0
Phenol-d5	1.696	1.524	0.010	-10.0983	25.0
Bis-(2-Chloroethyl)ether-d8	1.010	1.018	0.050	0.79	25.0
2-Chlorophenol-d4	1.328	1.351	0.200	1.7009	20.0
4-Methylphenol-d8	1.327	1.264	0.010	-4.7636	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/17/2024 12 21:56

Lab File ID: BM045328.D Init. Calib. Date(s):

EPA Sample No.: SSTD020106 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.161	0.050	4.9042	20.0
2-Nitrophenol-d4	0.162	0.172	0.050	5.9422	30.0
2,4-Dichlorophenol-d3	0.297	0.318	0.060	7.0732	20.0
4-Chloroaniline-d4	0.473	0.442	0.010	-6.7139	40.0
Dimethylphthalate-d6	1.393	1.452	0.300	4.2361	20.0
Acenaphthylene-d8	1.645	1.671	0.400	1.5635	20.0
4-Nitrophenol-d4	0.291	0.208	0.010	-28.3469	40.0
Fluorene-d10	1.241	1.198	0.100	-3.485	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.102	0.010	-13.5812	40.0
Anthracene-d10	0.900	0.910	0.300	1.1662	20.0
Pyrene-d10	0.985	1.185	0.300	20.2931	25.0
Benzo(a)pyrene-d12	0.976	0.999	0.010	2.4351	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.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/18/2024 12 08:13

Lab File ID: BM045344.D Init. Calib. Date(s):

EPA Sample No.: SSTD020107 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.559	0.534	0.010	-4.4869	40.0
Benzaldehyde	0.786	0.979	0.010	24.5969	40.0
Pyridine	1.543	1.306	0.010	-15.346	40.0
Phenol	1.756	1.602	0.080	-8.7407	20.0
Bis(2-Chloroethyl)ether	1.370	1.313	0.100	-4.2032	20.0
2-Chlorophenol	1.394	1.381	0.200	-0.9485	20.0
2-Methylphenol	1.296	1.199	0.010	-7.4915	20.0
2,2-oxybis(1-Chloropropane)	1.634	1.588	0.010	-2.8216	40.0
Acetophenone	2.158	1.993	0.060	-7.6284	20.0
4-Methylphenol	1.397	1.265	0.010	-9.4666	20.0
N-Nitroso-di-n-propylamine	1.019	0.979	0.050	-3.9465	30.0
Hexachloroethane	0.613	0.661	0.100	7.8099	20.0
Nitrobenzene	0.377	0.407	0.050	7.8875	25.0
Isophorone	0.692	0.687	0.050	-0.7938	25.0
2-Nitrophenol	0.180	0.187	0.050	3.8284	25.0
2,4-Dimethylphenol	0.347	0.348	0.050	0.207	25.0
Bis(2-Chloroethoxy)methane	0.411	0.423	0.050	3.0629	20.0
2,4-Dichlorophenol	0.300	0.297	0.060	-1.0357	20.0
Naphthalene	1.059	1.056	0.200	-0.2595	20.0
4-Chloroaniline	0.461	0.412	0.010	-10.5751	40.0
Hexachlorobutadiene	0.187	0.190	0.040	1.9211	30.0
Caprolactam	0.101	0.083	0.010	-18.3297	40.0
4-Chloro-3-methylphenol	0.299	0.283	0.040	-5.0693	25.0
1-Methylnaphthalene	0.700	0.688	0.100	-1.6508	20.0
2-Methylnaphthalene	0.691	0.687	0.100	-0.5953	20.0
Hexachlorocyclopentadiene	0.331	0.370	0.010	11.8342	40.0
2,4,6-Trichlorophenol	0.357	0.378	0.090	5.825	25.0
2,4,5-Trichlorophenol	0.393	0.396	0.100	0.7043	25.0
1,1-Biphenyl	1.412	1.482	0.200	4.9268	20.0
2-Chloronaphthalene	1.147	1.200	0.300	4.5955	20.0
2-Nitroaniline	0.317	0.327	0.050	3.2933	40.0
Dimethylphthalate	1.456	1.422	0.300	-2.3362	20.0
2,6-Dinitrotoluene	0.285	0.288	0.080	1.0371	30.0
Acenaphthylene	1.921	1.942	0.400	1.0941	20.0
3-Nitroaniline	0.311	0.295	0.010	-5.1023	40.0
Acenaphthene	1.282	1.281	0.200	-0.0494	20.0
2,4-Dinitrophenol	0.170	0.126	0.010	-25.8804	40.0
4-Nitrophenol	0.256	0.224	0.010	-12.2179	40.0
Dibenzofuran	1.754	1.669	0.300	-4.8612	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/18/2024 12 08:13

Lab File ID: BM045344.D Init. Calib. Date(s):

EPA Sample No.: SSTD020107 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.427	0.398	0.070	-6.8585	30.0
Diethylphthalate	1.485	1.500	0.300	1.0315	20.0
Fluorene	1.479	1.360	0.200	-8.007	20.0
4-Chlorophenyl-phenylether	0.693	0.638	0.100	-7.9476	20.0
4-Nitroaniline	0.283	0.274	0.010	-3.026	40.0
4,6-Dinitro-2-methylphenol	0.127	0.111	0.010	-12.2475	40.0
N-Nitrosodiphenylamine	0.540	0.578	0.050	7.197	20.0
1,2,4,5-Tetrachlorobenzene	0.547	0.568	0.100	3.7786	20.0
4-Bromophenyl-phenylether	0.195	0.210	0.070	7.8655	20.0
Hexachlorobenzene	0.253	0.256	0.050	1.0099	25.0
Atrazine	0.198	0.195	0.010	-1.7455	25.0
Pentachlorophenol	0.154	0.142	0.010	-7.6195	40.0
Phenanthrene	1.076	1.079	0.200	0.2287	20.0
Pentachlorobenzene	0.268	0.285	0.050	6.2954	20.0
Anthracene	1.101	1.109	0.200	0.7253	20.0
1,2,3,4-Tetrachlorobenzene	0.252	0.292	0.050	15.8586	20.0
Carbazole	1.062	1.008	0.050	-5.019	40.0
Di-n-butylphthalate	1.197	1.285	0.500	7.3173	25.0
Fluoranthene	1.162	1.266	0.400	8.9649	25.0
Pyrene	1.253	1.346	0.400	7.3535	25.0
Butylbenzylphthalate	0.525	0.604	0.100	15.0348	40.0
3,3-Dichlorobenzidine	0.445	0.455	0.010	2.3764	40.0
Benzo(a)anthracene	1.357	1.362	0.300	0.3757	30.0
Chrysene	1.265	1.285	0.200	1.5628	30.0
Bis(2-ethylhexyl)phthalate	0.821	0.901	0.200	9.8148	40.0
Di-n-octyl phthalate	1.258	1.211	0.010	-3.7383	40.0
Benzo(b)fluoranthene	1.166	1.179	0.200	1.1116	25.0
Benzo(k)fluoranthene	1.173	1.099	0.200	-6.3083	25.0
Benzo(a)pyrene	1.134	1.124	0.200	-0.9626	20.0
Indeno(1,2,3-cd)pyrene	1.470	1.544	0.200	5.04	25.0
Dibenzo(a,h)anthracene	1.229	1.287	0.200	4.7167	30.0
Benzo(g,h,i)perylene	1.159	1.289	0.200	11.1527	30.0
2,3,4,6-Tetrachlorophenol	0.336	0.321	0.040	-4.5895	20.0
1,4-Dioxane-d8	0.536	0.444	0.010	-17.0615	25.0
Pyridine-d5	1.456	1.304	0.010	-10.4907	40.0
Phenol-d5	1.696	1.536	0.010	-9.4276	25.0
Bis-(2-Chloroethyl)ether-d8	1.010	0.979	0.050	-3.0713	25.0
2-Chlorophenol-d4	1.328	1.338	0.200	0.7351	20.0
4-Methylphenol-d8	1.327	1.226	0.010	-7.6209	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG No.: BM041724

Instrument ID: BNA_M Calibration Date/Time: 4/18/2024 12 08:13

Lab File ID: BM045344.D Init. Calib. Date(s):

EPA Sample No.: SSTD020107 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.159	0.050	3.3512	20.0
2-Nitrophenol-d4	0.162	0.167	0.050	3.0258	30.0
2,4-Dichlorophenol-d3	0.297	0.310	0.060	4.3903	20.0
4-Chloroaniline-d4	0.473	0.425	0.010	-10.1086	40.0
Dimethylphthalate-d6	1.393	1.402	0.300	0.6934	20.0
Acenaphthylene-d8	1.645	1.685	0.400	2.402	20.0
4-Nitrophenol-d4	0.291	0.226	0.010	-22.3265	40.0
Fluorene-d10	1.241	1.201	0.100	-3.2949	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.101	0.010	-14.6561	40.0
Anthracene-d10	0.900	0.910	0.300	1.1773	20.0
Pyrene-d10	0.985	1.053	0.300	6.9256	25.0
Benzo(a)pyrene-d12	0.976	0.979	0.010	0.2996	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK236			SDG No.:	BM041724
Lab Sample ID:	PB160236BL			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
BM045312.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK236			SDG No.:	BM041724
Lab Sample ID:	PB160236BL			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
BM045312.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK236			SDG No.:	BM041724
Lab Sample ID:	PB160236BL			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
BM045312.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.869		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	24.29		20-120		61	SPK: -40
4165-62-2	Phenol-d5	26.184		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.016		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.766		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.248		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.556		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.85		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.553		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.051		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.775		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.121		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.015		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	30.076		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK236			SDG No.:	BM041724
Lab Sample ID:	PB160236BL			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
BM045312.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.45		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	31.859		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	35.757		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.789		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49687	7.575				
1146-65-2	Naphthalene-d8	191638	10.345				
15067-26-2	Acenaphthene-d10	111167	14.227				
1517-22-2	Phenanthrene-d10	215048	16.986				
1719-03-5	Chrysene-d12	189248	21.203				
1520-96-3	Perylene-d12	254700	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/13/2024 12:00:00 AM
Project:				Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK233			SDG No.:	BM041724
Lab Sample ID:	PB160233BL			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
BM045313.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	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:	4/13/2024 12:00:00 AM
Project:				Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK233			SDG No.:	BM041724
Lab Sample ID:	PB160233BL			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
BM045313.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	4/13/2024 12:00:00 AM
Project:				Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK233			SDG No.:	BM041724
Lab Sample ID:	PB160233BL			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
BM045313.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.161		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	19.153		20-120		48	SPK: -40
4165-62-2	Phenol-d5	20.259		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.798		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.934		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.42		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.865		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.422		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.602		20-120		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.232		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.822		25-130		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.255		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.866		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	23.496		25-125		59	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/13/2024 12:00:00 AM
Project:				Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK233			SDG No.:	BM041724
Lab Sample ID:	PB160233BL			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
BM045313.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.061		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	24.874		25-130		62	SPK: -40
1718-52-1	Pyrene-d10	28.027		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.923		20-130		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62210	7.575				
1146-65-2	Naphthalene-d8	237616	10.345				
15067-26-2	Acenaphthene-d10	139563	14.227				
1517-22-2	Phenanthrene-d10	274976	16.986				
1719-03-5	Chrysene-d12	251078	21.203				
1520-96-3	Perylene-d12	351505	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK113			SDG No.:	BM041724
Lab Sample ID:	PB160113BL			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
BM045314.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	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:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK113			SDG No.:	BM041724
Lab Sample ID:	PB160113BL			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
BM045314.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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

Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK113			SDG No.:	BM041724
Lab Sample ID:	PB160113BL			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
BM045314.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.535		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	25.17		20-120		63	SPK: -40
4165-62-2	Phenol-d5	26.159		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.785		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.228		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	25.82		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.556		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.443		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.218		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.375		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.253		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.487		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.245		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	29.957		25-125		75	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:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK113			SDG No.:	BM041724
Lab Sample ID:	PB160113BL			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
BM045314.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.66		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	31.77		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	35.646		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.973		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47650	7.575				
1146-65-2	Naphthalene-d8	181534	10.345				
15067-26-2	Acenaphthene-d10	101837	14.227				
1517-22-2	Phenanthrene-d10	194690	16.986				
1719-03-5	Chrysene-d12	175731	21.203				
1520-96-3	Perylene-d12	246918	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0R55			SDG No.:	BM041724
Lab Sample ID:	P2099-01			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
BM045315.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	6.8	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0R55			SDG No.:	BM041724
Lab Sample ID:	P2099-01			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
BM045315.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0R55			SDG No.:	BM041724
Lab Sample ID:	P2099-01			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
BM045315.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.467		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	5.238	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	3.212	*	10-130		8	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.069		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.276		20-130		38	SPK: -40
190780-66-6	4-Methylphenol-d8	7.956	*	25-125		20	SPK: -40
4165-60-0	Nitrobenzene-d5	33.594		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.013		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.814		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.038		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.073		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.211		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.846	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	32.912		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0R55			SDG No.:	BM041724
Lab Sample ID:	P2099-01			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
BM045315.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.738		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	35.812		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.842		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.568		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93802	7.628				
1146-65-2	Naphthalene-d8	231496	10.351				
15067-26-2	Acenaphthene-d10	137238	14.227				
1517-22-2	Phenanthrene-d10	268391	16.986				
1719-03-5	Chrysene-d12	272300	21.203				
1520-96-3	Perylene-d12	354475	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	36	J			5.069	
000106-46-7	Benzene, 1,4-dichloro-	20	J			7.716	
000541-73-1	Benzene, 1,3-dichloro-	13	J			8.016	
000120-82-1	Benzene, 1,2,4-trichloro-	910	J			10.228	
000087-61-6	Benzene, 1,2,3-trichloro-	23	J			10.727	
E966796	Total Alkanes	1.7	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:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045316.D	5	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5	U	2.5	2.6	10	ug/L
100-52-7	Benzaldehyde	13	U	13	25.5	51	ug/L
110-86-1	Pyridine	7.1	U	7.1	51	51	ug/L
108-95-2	Phenol	7.6	JD	7.1	25.5	51	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7.1	U	7.1	25.5	51	ug/L
95-57-8	2-Chlorophenol	6.6	U	6.6	12.8	26	ug/L
95-48-7	2-Methylphenol	7.1	U	7.1	25.5	51	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.1	U	7.1	25.5	51	ug/L
98-86-2	Acetophenone	7.7	U	7.7	25.5	51	ug/L
106-44-5	4-Methylphenol	7.1	U	7.1	25.5	51	ug/L
621-64-7	N-Nitroso-di-n-propylamine	8.2	U	8.2	12.8	26	ug/L
67-72-1	Hexachloroethane	5.6	U	5.6	12.8	26	ug/L
98-95-3	Nitrobenzene	2700	ED	7.1	12.8	26	ug/L
78-59-1	Isophorone	7.1	U	7.1	12.8	26	ug/L
88-75-5	2-Nitrophenol	7.1	U	7.1	12.8	26	ug/L
105-67-9	2,4-Dimethylphenol	5	U	5	12.8	26	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.7	U	7.7	12.8	26	ug/L
120-83-2	2,4-Dichlorophenol	7.7	U	7.7	12.8	26	ug/L
91-20-3	Naphthalene	6.6	U	6.6	12.8	26	ug/L
106-47-8	4-Chloroaniline	15	JD	7.1	12.8	51	ug/L
87-68-3	Hexachlorobutadiene	6.1	U	6.1	12.8	26	ug/L
105-60-2	Caprolactam	23	U	23	25.5	51	ug/L
59-50-7	4-Chloro-3-methylphenol	7.1	U	7.1	12.8	26	ug/L
90-12-0	1-Methylnaphthalene	6.6	U	6.6	12.8	26	ug/L
91-57-6	2-Methylnaphthalene	7.1	U	7.1	12.8	26	ug/L
77-47-4	Hexachlorocyclopentadiene	17	U	17	25.5	51	ug/L
88-06-2	2,4,6-Trichlorophenol	7.7	U	7.7	12.8	26	ug/L
95-95-4	2,4,5-Trichlorophenol	7.7	U	7.7	12.8	26	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045316.D	5	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	8.7	U	8.7	12.8	26	ug/L
91-58-7	2-Chloronaphthalene	8.2	U	8.2	12.8	26	ug/L
88-74-4	2-Nitroaniline	6.1	U	6.1	12.8	26	ug/L
131-11-3	Dimethylphthalate	7.7	U	7.7	12.8	26	ug/L
606-20-2	2,6-Dinitrotoluene	5.6	U	5.6	12.8	26	ug/L
208-96-8	Acenaphthylene	7.7	U	7.7	12.8	26	ug/L
99-09-2	3-Nitroaniline	4.3	U	4.3	25.5	51	ug/L
83-32-9	Acenaphthene	7.7	U	7.7	12.8	26	ug/L
51-28-5	2,4-Dinitrophenol	30	U	30	25.5	51	ug/L
100-02-7	4-Nitrophenol	7.7	U	7.7	25.5	51	ug/L
132-64-9	Dibenzofuran	7.7	U	7.7	12.8	26	ug/L
121-14-2	2,4-Dinitrotoluene	5.6	U	5.6	12.8	26	ug/L
84-66-2	Diethylphthalate	7.7	U	7.7	12.8	26	ug/L
86-73-7	Fluorene	7.7	U	7.7	12.8	26	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.2	U	8.2	12.8	26	ug/L
100-01-6	4-Nitroaniline	6.6	U	6.6	25.5	51	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.8	U	4.8	25.5	51	ug/L
86-30-6	N-Nitrosodiphenylamine	8.2	U	8.2	12.8	26	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	65	D	9.2	12.8	26	ug/L
101-55-3	4-Bromophenyl-phenylether	7.7	U	7.7	12.8	26	ug/L
118-74-1	Hexachlorobenzene	8.2	U	8.2	12.8	26	ug/L
1912-24-9	Atrazine	8.2	U	8.2	25.5	51	ug/L
87-86-5	Pentachlorophenol	18	U	18	25.5	51	ug/L
85-01-8	Phenanthrene	8.2	U	8.2	12.8	26	ug/L
608-93-5	Pentachlorobenzene	7.7	U	7.7	12.8	26	ug/L
120-12-7	Anthracene	7.1	U	7.1	12.8	26	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	130	D	6.1	12.8	26	ug/L
86-74-8	Carbazole	8.2	U	8.2	25.5	51	ug/L
84-74-2	Di-n-butylphthalate	8.7	U	8.7	12.8	26	ug/L
206-44-0	Fluoranthene	8.7	U	8.7	25.5	26	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:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045316.D	5	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8.7	U	8.7	12.8	26	ug/L
85-68-7	Butylbenzylphthalate	7.7	U	7.7	12.8	26	ug/L
91-94-1	3,3-Dichlorobenzidine	5.6	U	5.6	25.5	51	ug/L
56-55-3	Benzo(a)anthracene	7.1	U	7.1	12.8	26	ug/L
218-01-9	Chrysene	7.7	U	7.7	12.8	26	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.2	U	9.2	12.8	26	ug/L
117-84-0	Di-n-octyl phthalate	7.1	U	7.1	25.5	51	ug/L
205-99-2	Benzo(b)fluoranthene	8.2	U	8.2	12.8	26	ug/L
207-08-9	Benzo(k)fluoranthene	8.7	U	8.7	12.8	26	ug/L
50-32-8	Benzo(a)pyrene	7.7	U	7.7	12.8	26	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.1	U	7.1	12.8	26	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.1	U	7.1	12.8	26	ug/L
191-24-2	Benzo(g,h,i)perylene	7.1	U	7.1	12.8	26	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.1	U	7.1	12.8	26	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.525		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	0.11	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	4.68		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	50.13	*	25-120		125	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.06		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	11.325		25-125		28	SPK: -40
4165-60-0	Nitrobenzene-d5	44.265		20-125		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.435		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.23		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.385		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.005		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	42.895		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	45.775		25-125		114	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:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045316.D	5	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.1		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	46.595		25-130		116	SPK: -40
1718-52-1	Pyrene-d10	49.33		15-130		123	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.94		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55718	7.581				
1146-65-2	Naphthalene-d8	176346	10.351				
15067-26-2	Acenaphthene-d10	107006	14.227				
1517-22-2	Phenanthrene-d10	217670	16.986				
1719-03-5	Chrysene-d12	228874	21.203				
1520-96-3	Perylene-d12	298867	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	73	JD			4.957	
000541-73-1	Benzene, 1,3-dichloro-	22	JD			7.469	
000106-46-7	Benzene, 1,4-dichloro-	100	JD			7.64	
000095-50-1	Benzene, 1,2-dichloro-	110	JD			7.957	
000106-39-8	Benzene, 1-bromo-4-chloro-	21	JD			9.057	
000095-51-2	o-Chloroaniline	82	JD			9.392	
000120-82-1	Benzene, 1,2,4-trichloro-	6100	JD			10.222	
000087-61-6	Benzene, 1,2,3-trichloro-	1700	JD			10.728	
000121-73-3	Benzene, 1-chloro-3-nitro-	370	JD			10.963	
000088-73-3	Benzene, 1-chloro-2-nitro-	75	JD			11.187	
E966796	Total Alkanes	8.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045317.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	50	U	50	51	200	ug/L
100-52-7	Benzaldehyde	260	U	260	510	1000	ug/L
110-86-1	Pyridine	140	U	140	1000	1000	ug/L
108-95-2	Phenol	140	U	140	510	1000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	140	U	140	510	1000	ug/L
95-57-8	2-Chlorophenol	130	U	130	260	510	ug/L
95-48-7	2-Methylphenol	140	U	140	510	1000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	510	1000	ug/L
98-86-2	Acetophenone	150	U	150	510	1000	ug/L
106-44-5	4-Methylphenol	140	U	140	510	1000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	260	510	ug/L
67-72-1	Hexachloroethane	110	U	110	260	510	ug/L
98-95-3	Nitrobenzene	2300	D	140	260	510	ug/L
78-59-1	Isophorone	140	U	140	260	510	ug/L
88-75-5	2-Nitrophenol	140	U	140	260	510	ug/L
105-67-9	2,4-Dimethylphenol	100	U	100	260	510	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	150	U	150	260	510	ug/L
120-83-2	2,4-Dichlorophenol	150	U	150	260	510	ug/L
91-20-3	Naphthalene	130	U	130	260	510	ug/L
106-47-8	4-Chloroaniline	140	U	140	260	1000	ug/L
87-68-3	Hexachlorobutadiene	120	U	120	260	510	ug/L
105-60-2	Caprolactam	460	U	460	510	1000	ug/L
59-50-7	4-Chloro-3-methylphenol	140	U	140	260	510	ug/L
90-12-0	1-Methylnaphthalene	130	U	130	260	510	ug/L
91-57-6	2-Methylnaphthalene	140	U	140	260	510	ug/L
77-47-4	Hexachlorocyclopentadiene	340	U	340	510	1000	ug/L
88-06-2	2,4,6-Trichlorophenol	150	U	150	260	510	ug/L
95-95-4	2,4,5-Trichlorophenol	150	U	150	260	510	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045317.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	U	170	260	510	ug/L
91-58-7	2-Chloronaphthalene	160	U	160	260	510	ug/L
88-74-4	2-Nitroaniline	120	U	120	260	510	ug/L
131-11-3	Dimethylphthalate	150	U	150	260	510	ug/L
606-20-2	2,6-Dinitrotoluene	110	U	110	260	510	ug/L
208-96-8	Acenaphthylene	150	U	150	260	510	ug/L
99-09-2	3-Nitroaniline	86	U	86	510	1000	ug/L
83-32-9	Acenaphthene	150	U	150	260	510	ug/L
51-28-5	2,4-Dinitrophenol	600	U	600	510	1000	ug/L
100-02-7	4-Nitrophenol	150	U	150	510	1000	ug/L
132-64-9	Dibenzofuran	150	U	150	260	510	ug/L
121-14-2	2,4-Dinitrotoluene	110	U	110	260	510	ug/L
84-66-2	Diethylphthalate	150	U	150	260	510	ug/L
86-73-7	Fluorene	150	U	150	260	510	ug/L
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	260	510	ug/L
100-01-6	4-Nitroaniline	130	U	130	510	1000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	510	1000	ug/L
86-30-6	N-Nitrosodiphenylamine	160	U	160	260	510	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	260	510	ug/L
101-55-3	4-Bromophenyl-phenylether	150	U	150	260	510	ug/L
118-74-1	Hexachlorobenzene	160	U	160	260	510	ug/L
1912-24-9	Atrazine	160	U	160	510	1000	ug/L
87-86-5	Pentachlorophenol	370	U	370	510	1000	ug/L
85-01-8	Phenanthrene	160	U	160	260	510	ug/L
608-93-5	Pentachlorobenzene	150	U	150	260	510	ug/L
120-12-7	Anthracene	140	U	140	260	510	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	150	JD	120	260	510	ug/L
86-74-8	Carbazole	160	U	160	510	1000	ug/L
84-74-2	Di-n-butylphthalate	170	U	170	260	510	ug/L
206-44-0	Fluoranthene	170	U	170	510	510	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045317.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	U	170	260	510	ug/L
85-68-7	Butylbenzylphthalate	150	U	150	260	510	ug/L
91-94-1	3,3-Dichlorobenzidine	110	U	110	510	1000	ug/L
56-55-3	Benzo(a)anthracene	140	U	140	260	510	ug/L
218-01-9	Chrysene	150	U	150	260	510	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	260	510	ug/L
117-84-0	Di-n-octyl phthalate	140	U	140	510	1000	ug/L
205-99-2	Benzo(b)fluoranthene	160	U	160	260	510	ug/L
207-08-9	Benzo(k)fluoranthene	170	U	170	260	510	ug/L
50-32-8	Benzo(a)pyrene	150	U	150	260	510	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	260	510	ug/L
53-70-3	Dibenzo(a,h)anthracene	140	U	140	260	510	ug/L
191-24-2	Benzo(g,h,i)perylene	140	U	140	260	510	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	260	510	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	2.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.6		25-120		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.7		20-130		39	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.8		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.2		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	38.9		25-125		97	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:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RH9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-12DL			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
BM045317.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160235

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	52.2	*	15-130		131	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.2		20-130		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41170	7.575				
1146-65-2	Naphthalene-d8	160037	10.345				
15067-26-2	Acenaphthene-d10	93151	14.227				
1517-22-2	Phenanthrene-d10	169401	16.992				
1719-03-5	Chrysene-d12	158880	21.203				
1520-96-3	Perylene-d12	215641	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	13000	JD			4.94	
000106-46-7	Benzene, 1,4-dichloro-	3600	JD			7.457	
000541-73-1	Benzene, 1,3-dichloro-	20000	JD			7.916	
000120-82-1	Benzene, 1,2,4-trichloro-	3900	JD			10.21	
000087-61-6	Benzene, 1,2,3-trichloro-	1500	JD			10.727	
000121-73-3	Benzene, 1-chloro-3-nitro-	250	JD			11.004	
E966796	Total Alkanes	170	U			99	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:	4/4/2024 12:00:00 AM
Project:				Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0R51DL			SDG No.:	BM041724
Lab Sample ID:	P2051-08DL			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
BM045318.D	50	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	25.3	100	ug/L
100-52-7	Benzaldehyde	130	U	130	250	510	ug/L
110-86-1	Pyridine	71	U	71	510	510	ug/L
108-95-2	Phenol	71	U	71	250	510	ug/L
111-44-4	Bis(2-Chloroethyl)ether	71	U	71	250	510	ug/L
95-57-8	2-Chlorophenol	66	U	66	130	250	ug/L
95-48-7	2-Methylphenol	71	U	71	250	510	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	250	510	ug/L
98-86-2	Acetophenone	76	U	76	250	510	ug/L
106-44-5	4-Methylphenol	71	U	71	250	510	ug/L
621-64-7	N-Nitroso-di-n-propylamine	81	U	81	130	250	ug/L
67-72-1	Hexachloroethane	56	U	56	130	250	ug/L
98-95-3	Nitrobenzene	1200	D	71	130	250	ug/L
78-59-1	Isophorone	71	U	71	130	250	ug/L
88-75-5	2-Nitrophenol	71	U	71	130	250	ug/L
105-67-9	2,4-Dimethylphenol	49	U	49	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	130	250	ug/L
120-83-2	2,4-Dichlorophenol	76	U	76	130	250	ug/L
91-20-3	Naphthalene	66	U	66	130	250	ug/L
106-47-8	4-Chloroaniline	71	U	71	130	510	ug/L
87-68-3	Hexachlorobutadiene	61	U	61	130	250	ug/L
105-60-2	Caprolactam	230	U	230	250	510	ug/L
59-50-7	4-Chloro-3-methylphenol	71	U	71	130	250	ug/L
90-12-0	1-Methylnaphthalene	66	U	66	130	250	ug/L
91-57-6	2-Methylnaphthalene	71	U	71	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	170	U	170	250	510	ug/L
88-06-2	2,4,6-Trichlorophenol	76	U	76	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	76	U	76	130	250	ug/L

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Report of Analysis

Client:				Date Collected:	4/4/2024 12:00:00 AM
Project:				Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0R51DL			SDG No.:	BM041724
Lab Sample ID:	P2051-08DL			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
BM045318.D	50	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	130	250	ug/L
91-58-7	2-Chloronaphthalene	81	U	81	130	250	ug/L
88-74-4	2-Nitroaniline	61	U	61	130	250	ug/L
131-11-3	Dimethylphthalate	76	U	76	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	56	U	56	130	250	ug/L
208-96-8	Acenaphthylene	76	U	76	130	250	ug/L
99-09-2	3-Nitroaniline	42	U	42	250	510	ug/L
83-32-9	Acenaphthene	76	U	76	130	250	ug/L
51-28-5	2,4-Dinitrophenol	300	U	300	250	510	ug/L
100-02-7	4-Nitrophenol	76	U	76	250	510	ug/L
132-64-9	Dibenzofuran	76	U	76	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	56	U	56	130	250	ug/L
84-66-2	Diethylphthalate	76	U	76	130	250	ug/L
86-73-7	Fluorene	76	U	76	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	81	U	81	130	250	ug/L
100-01-6	4-Nitroaniline	66	U	66	250	510	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	250	510	ug/L
86-30-6	N-Nitrosodiphenylamine	81	U	81	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	76	U	76	130	250	ug/L
118-74-1	Hexachlorobenzene	81	U	81	130	250	ug/L
1912-24-9	Atrazine	81	U	81	250	510	ug/L
87-86-5	Pentachlorophenol	180	U	180	250	510	ug/L
85-01-8	Phenanthrene	81	U	81	130	250	ug/L
608-93-5	Pentachlorobenzene	76	U	76	130	250	ug/L
120-12-7	Anthracene	71	U	71	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	130	250	ug/L
86-74-8	Carbazole	81	U	81	250	510	ug/L
84-74-2	Di-n-butylphthalate	86	U	86	130	250	ug/L
206-44-0	Fluoranthene	86	U	86	250	250	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:	4/4/2024 12:00:00 AM
Project:				Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0R51DL			SDG No.:	BM041724
Lab Sample ID:	P2051-08DL			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
BM045318.D	50	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	U	86	130	250	ug/L
85-68-7	Butylbenzylphthalate	76	U	76	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	56	U	56	250	510	ug/L
56-55-3	Benzo(a)anthracene	71	U	71	130	250	ug/L
218-01-9	Chrysene	76	U	76	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	250	ug/L
117-84-0	Di-n-octyl phthalate	71	U	71	250	510	ug/L
205-99-2	Benzo(b)fluoranthene	81	U	81	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	86	U	86	130	250	ug/L
50-32-8	Benzo(a)pyrene	76	U	76	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	71	U	71	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	71	U	71	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	71	U	71	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	14.7		20-120		37	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.35		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.8		20-130		40	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	18.15		20-125		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.25		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	23.45		10-130		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	27.15		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/4/2024 12:00:00 AM
Project:				Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0R51DL			SDG No.:	BM041724
Lab Sample ID:	P2051-08DL			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
BM045318.D	50	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	22.3		25-130		56	SPK: -40
1718-52-1	Pyrene-d10	35		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.75		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41751	7.575				
1146-65-2	Naphthalene-d8	152256	10.345				
15067-26-2	Acenaphthene-d10	90067	14.227				
1517-22-2	Phenanthrene-d10	186941	16.992				
1719-03-5	Chrysene-d12	189752	21.204				
1520-96-3	Perylene-d12	253476	23.398				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	43000	JD			4.946	
000062-53-3	Aniline	380	JD			6.928	
000541-73-1	Benzene, 1,3-dichloro-	270	JD			7.463	
000106-46-7	Benzene, 1,4-dichloro-	5000	JD			7.916	
000108-70-3	Benzene, 1,3,5-trichloro-	120	JD			10.216	
E966796	Total Alkanes	86	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045319.D	10	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	5	20	ug/L
100-52-7	Benzaldehyde	25	U	25	50	100	ug/L
110-86-1	Pyridine	14	U	14	100	100	ug/L
108-95-2	Phenol	14	U	14	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	13	U	13	25	50	ug/L
95-48-7	2-Methylphenol	14	U	14	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	14	U	14	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	16	U	16	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	25	50	ug/L
91-20-3	Naphthalene	13	U	13	25	50	ug/L
106-47-8	4-Chloroaniline	14	U	14	25	100	ug/L
87-68-3	Hexachlorobutadiene	12	U	12	25	50	ug/L
105-60-2	Caprolactam	45	U	45	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	13	U	13	25	50	ug/L
91-57-6	2-Methylnaphthalene	14	U	14	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	33	U	33	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15	U	15	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15	U	15	25	50	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045319.D	10	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17	U	17	25	50	ug/L
91-58-7	2-Chloronaphthalene	16	U	16	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	15	U	15	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	11	U	11	25	50	ug/L
208-96-8	Acenaphthylene	15	U	15	25	50	ug/L
99-09-2	3-Nitroaniline	8.4	U	8.4	50	100	ug/L
83-32-9	Acenaphthene	15	U	15	25	50	ug/L
51-28-5	2,4-Dinitrophenol	59	U	59	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	15	U	15	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	15	U	15	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16	U	16	25	50	ug/L
100-01-6	4-Nitroaniline	13	U	13	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	9.4	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	16	U	16	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	300	D	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	15	U	15	25	50	ug/L
118-74-1	Hexachlorobenzene	16	U	16	25	50	ug/L
1912-24-9	Atrazine	16	U	16	50	100	ug/L
87-86-5	Pentachlorophenol	36	U	36	50	100	ug/L
85-01-8	Phenanthrene	16	U	16	25	50	ug/L
608-93-5	Pentachlorobenzene	74	D	15	25	50	ug/L
120-12-7	Anthracene	14	U	14	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	ED	12	25	50	ug/L
86-74-8	Carbazole	16	U	16	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045319.D	10	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	11	U	11	50	100	ug/L
56-55-3	Benzo(a)anthracene	14	U	14	25	50	ug/L
218-01-9	Chrysene	15	U	15	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18	U	18	25	50	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	17	U	17	25	50	ug/L
50-32-8	Benzo(a)pyrene	15	U	15	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	14	U	14	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.32		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.22	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.93		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.08		20-130		45	SPK: -40
190780-66-6	4-Methylphenol-d8	7.41	*	25-125		19	SPK: -40
4165-60-0	Nitrobenzene-d5	22.55		20-125		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.73		20-130		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.19		20-120		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.11		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.23		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.81		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.52		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045319.D	10	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	28.87		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	40.26		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.85		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47373	7.575				
1146-65-2	Naphthalene-d8	178145	10.346				
15067-26-2	Acenaphthene-d10	99338	14.228				
1517-22-2	Phenanthrene-d10	180542	16.986				
1719-03-5	Chrysene-d12	151341	21.204				
1520-96-3	Perylene-d12	209252	23.404				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	290	JD			4.94	
000106-46-7	Benzene, 1,4-dichloro-	130	JD			7.457	
000541-73-1	Benzene, 1,3-dichloro-	1600	JD			7.916	
000087-61-6	Benzene, 1,2,3-trichloro-	4900	JD			10.216	
000120-82-1	Benzene, 1,2,4-trichloro-	470	JD			10.722	
E966796	Total Alkanes	17	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045320.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49	U	49	50	200	ug/L
100-52-7	Benzaldehyde	250	U	250	500	1000	ug/L
110-86-1	Pyridine	140	U	140	1000	1000	ug/L
108-95-2	Phenol	140	U	140	500	1000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	140	U	140	500	1000	ug/L
95-57-8	2-Chlorophenol	130	U	130	250	500	ug/L
95-48-7	2-Methylphenol	140	U	140	500	1000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	500	1000	ug/L
98-86-2	Acetophenone	150	U	150	500	1000	ug/L
106-44-5	4-Methylphenol	140	U	140	500	1000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	250	500	ug/L
67-72-1	Hexachloroethane	110	U	110	250	500	ug/L
98-95-3	Nitrobenzene	140	U	140	250	500	ug/L
78-59-1	Isophorone	140	U	140	250	500	ug/L
88-75-5	2-Nitrophenol	140	U	140	250	500	ug/L
105-67-9	2,4-Dimethylphenol	98	U	98	250	500	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	150	U	150	250	500	ug/L
120-83-2	2,4-Dichlorophenol	150	U	150	250	500	ug/L
91-20-3	Naphthalene	130	U	130	250	500	ug/L
106-47-8	4-Chloroaniline	140	U	140	250	1000	ug/L
87-68-3	Hexachlorobutadiene	120	U	120	250	500	ug/L
105-60-2	Caprolactam	450	U	450	500	1000	ug/L
59-50-7	4-Chloro-3-methylphenol	140	U	140	250	500	ug/L
90-12-0	1-Methylnaphthalene	130	U	130	250	500	ug/L
91-57-6	2-Methylnaphthalene	140	U	140	250	500	ug/L
77-47-4	Hexachlorocyclopentadiene	330	U	330	500	1000	ug/L
88-06-2	2,4,6-Trichlorophenol	150	U	150	250	500	ug/L
95-95-4	2,4,5-Trichlorophenol	150	U	150	250	500	ug/L

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:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045320.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	U	170	250	500	ug/L
91-58-7	2-Chloronaphthalene	160	U	160	250	500	ug/L
88-74-4	2-Nitroaniline	120	U	120	250	500	ug/L
131-11-3	Dimethylphthalate	150	U	150	250	500	ug/L
606-20-2	2,6-Dinitrotoluene	110	U	110	250	500	ug/L
208-96-8	Acenaphthylene	150	U	150	250	500	ug/L
99-09-2	3-Nitroaniline	84	U	84	500	1000	ug/L
83-32-9	Acenaphthene	150	U	150	250	500	ug/L
51-28-5	2,4-Dinitrophenol	590	U	590	500	1000	ug/L
100-02-7	4-Nitrophenol	150	U	150	500	1000	ug/L
132-64-9	Dibenzofuran	150	U	150	250	500	ug/L
121-14-2	2,4-Dinitrotoluene	110	U	110	250	500	ug/L
84-66-2	Diethylphthalate	150	U	150	250	500	ug/L
86-73-7	Fluorene	150	U	150	250	500	ug/L
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	250	500	ug/L
100-01-6	4-Nitroaniline	130	U	130	500	1000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	500	1000	ug/L
86-30-6	N-Nitrosodiphenylamine	160	U	160	250	500	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	310	JD	180	250	500	ug/L
101-55-3	4-Bromophenyl-phenylether	150	U	150	250	500	ug/L
118-74-1	Hexachlorobenzene	160	U	160	250	500	ug/L
1912-24-9	Atrazine	160	U	160	500	1000	ug/L
87-86-5	Pentachlorophenol	360	U	360	500	1000	ug/L
85-01-8	Phenanthrene	160	U	160	250	500	ug/L
608-93-5	Pentachlorobenzene	150	U	150	250	500	ug/L
120-12-7	Anthracene	140	U	140	250	500	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	D	120	250	500	ug/L
86-74-8	Carbazole	160	U	160	500	1000	ug/L
84-74-2	Di-n-butylphthalate	170	U	170	250	500	ug/L
206-44-0	Fluoranthene	170	U	170	500	500	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045320.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	U	170	250	500	ug/L
85-68-7	Butylbenzylphthalate	150	U	150	250	500	ug/L
91-94-1	3,3-Dichlorobenzidine	110	U	110	500	1000	ug/L
56-55-3	Benzo(a)anthracene	140	U	140	250	500	ug/L
218-01-9	Chrysene	150	U	150	250	500	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	250	500	ug/L
117-84-0	Di-n-octyl phthalate	140	U	140	500	1000	ug/L
205-99-2	Benzo(b)fluoranthene	160	U	160	250	500	ug/L
207-08-9	Benzo(k)fluoranthene	170	U	170	250	500	ug/L
50-32-8	Benzo(a)pyrene	150	U	150	250	500	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	250	500	ug/L
53-70-3	Dibenzo(a,h)anthracene	140	U	140	250	500	ug/L
191-24-2	Benzo(g,h,i)perylene	140	U	140	250	500	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	250	500	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	2.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.9		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	29.8		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	31.9		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0RB9DL			SDG No.:	BM041724
Lab Sample ID:	P2051-09DL			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
BM045320.D	100	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	24.6		25-130		62	SPK: -40
1718-52-1	Pyrene-d10	37.7		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.3		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37009	7.575				
1146-65-2	Naphthalene-d8	137761	10.345				
15067-26-2	Acenaphthene-d10	79895	14.227				
1517-22-2	Phenanthrene-d10	144903	16.992				
1719-03-5	Chrysene-d12	136662	21.203				
1520-96-3	Perylene-d12	187260	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	330	JD			4.946	
000095-50-1	Benzene, 1,2-dichloro-	1700	JD			7.916	
000087-61-6	Benzene, 1,2,3-trichloro-	3800	JD			10.21	
000120-82-1	Benzene, 1,2,4-trichloro-	470	JD			10.733	
E966796	Total Alkanes	170	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3			SDG No.:	BM041724
Lab Sample ID:	P2032-17			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
BM045321.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3			SDG No.:	BM041724
Lab Sample ID:	P2032-17			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
BM045321.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3			SDG No.:	BM041724
Lab Sample ID:	P2032-17			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
BM045321.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.042		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	3.601	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	4.872		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.639		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.259		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	11.819		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	27.94		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.8		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.387		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.32		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.41		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.627		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.899	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	30.556		25-125		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3			SDG No.:	BM041724
Lab Sample ID:	P2032-17			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
BM045321.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.123		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	34.145		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	38.533		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.895		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48713	7.575				
1146-65-2	Naphthalene-d8	187441	10.345				
15067-26-2	Acenaphthene-d10	104197	14.227				
1517-22-2	Phenanthrene-d10	200483	16.986				
1719-03-5	Chrysene-d12	197898	21.203				
1520-96-3	Perylene-d12	287141	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.7	J			17.898	
E966796	Total Alkanes	1.7	U			99	ug/L

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:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS			SDG No.:	BM041724
Lab Sample ID:	P2032-18MS			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
BM045322.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.3		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	32		2.5	5	10	ug/L
110-86-1	Pyridine	7.3	J	1.4	10	10	ug/L
108-95-2	Phenol	5.4	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	19		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	14		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.4	5	10	ug/L
98-86-2	Acetophenone	24		1.5	5	10	ug/L
106-44-5	4-Methylphenol	12		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	26		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	17		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	24		1.5	2.5	5	ug/L
91-20-3	Naphthalene	25		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	21		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	21		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS			SDG No.:	BM041724
Lab Sample ID:	P2032-18MS			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
BM045322.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	25		0.84	5	10	ug/L
83-32-9	Acenaphthene	27		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	23		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.7	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.5	2.5	5	ug/L
86-73-7	Fluorene	26		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	27		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	26		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.6	2.5	5	ug/L
1912-24-9	Atrazine	29		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	27		3.6	5	10	ug/L
85-01-8	Phenanthrene	30		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.5	2.5	5	ug/L
120-12-7	Anthracene	29		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		1.2	2.5	5	ug/L
86-74-8	Carbazole	29		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS			SDG No.:	BM041724
Lab Sample ID:	P2032-18MS			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
BM045322.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	23		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		1.4	2.5	5	ug/L
218-01-9	Chrysene	30		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.313		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	6.208	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	4.682		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.494		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.339		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	11.24		25-125		28	SPK: -40
4165-60-0	Nitrobenzene-d5	26.927		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.924		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.261		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.064		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.474		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.013		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.172		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	28.01		25-125		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS			SDG No.:	BM041724
Lab Sample ID:	P2032-18MS			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
BM045322.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.432		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	30.261		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	32.41		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.473		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58851	7.575				
1146-65-2	Naphthalene-d8	233876	10.345				
15067-26-2	Acenaphthene-d10	137105	14.221				
1517-22-2	Phenanthrene-d10	270733	16.986				
1719-03-5	Chrysene-d12	271182	21.203				
1520-96-3	Perylene-d12	355779	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD			SDG No.:	BM041724
Lab Sample ID:	P2032-19MSD			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
BM045323.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	38		2.5	5	10	ug/L
110-86-1	Pyridine	3.7	J	1.4	10	10	ug/L
108-95-2	Phenol	6.2	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	22		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	16		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	14		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	19		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	30		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	24		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD			SDG No.:	BM041724
Lab Sample ID:	P2032-19MSD			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
BM045323.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		0.84	5	10	ug/L
83-32-9	Acenaphthene	30		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	5.7	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	30		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	30		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.6	2.5	5	ug/L
1912-24-9	Atrazine	29		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		3.6	5	10	ug/L
85-01-8	Phenanthrene	33		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.5	2.5	5	ug/L
120-12-7	Anthracene	32		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		1.2	2.5	5	ug/L
86-74-8	Carbazole	32		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD			SDG No.:	BM041724
Lab Sample ID:	P2032-19MSD			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
BM045323.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.4	2.5	5	ug/L
218-01-9	Chrysene	34		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.808		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	3.086	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	5.911		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.348		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.697		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	13.66		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	32.114		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.16		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.008		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.081		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.027		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	32.07		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.258		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	31.932		25-125		80	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:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD			SDG No.:	BM041724
Lab Sample ID:	P2032-19MSD			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
BM045323.D	1	4/13/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160233

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.573		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	33.769		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	37.315		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.379		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49275	7.575				
1146-65-2	Naphthalene-d8	192205	10.34				
15067-26-2	Acenaphthene-d10	113757	14.222				
1517-22-2	Phenanthrene-d10	228791	16.986				
1719-03-5	Chrysene-d12	223216	21.198				
1520-96-3	Perylene-d12	297664	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4			SDG No.:	BM041724
Lab Sample ID:	P2032-20			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
BM045324.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4			SDG No.:	BM041724
Lab Sample ID:	P2032-20			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
BM045324.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4			SDG No.:	BM041724
Lab Sample ID:	P2032-20			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
BM045324.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.556		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	6.733	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.424		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.812		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.237		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	13.127		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	31.512		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.078		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.435		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.252		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.942		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.784		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.591	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	31.156		25-125		78	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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4			SDG No.:	BM041724
Lab Sample ID:	P2032-20			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
BM045324.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.837		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	34.874		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	38.039		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.431		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60280	7.575				
1146-65-2	Naphthalene-d8	236715	10.339				
15067-26-2	Acenaphthene-d10	131584	14.227				
1517-22-2	Phenanthrene-d10	242818	16.986				
1719-03-5	Chrysene-d12	223422	21.203				
1520-96-3	Perylene-d12	325857	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5			SDG No.:	BM041724
Lab Sample ID:	P2032-21			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
BM045325.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5			SDG No.:	BM041724
Lab Sample ID:	P2032-21			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
BM045325.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5			SDG No.:	BM041724
Lab Sample ID:	P2032-21			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
BM045325.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.704		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.261	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	4.346		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.353		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.396		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	11.108		25-125		28	SPK: -40
4165-60-0	Nitrobenzene-d5	27.636		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.416		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.51		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.56		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.235		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.032		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.285	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	29.623		25-125		74	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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5			SDG No.:	BM041724
Lab Sample ID:	P2032-21			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
BM045325.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.874		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	33.901		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	37.747		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.684		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52346	7.575				
1146-65-2	Naphthalene-d8	204502	10.345				
15067-26-2	Acenaphthene-d10	112030	14.227				
1517-22-2	Phenanthrene-d10	213186	16.986				
1719-03-5	Chrysene-d12	199487	21.203				
1520-96-3	Perylene-d12	288802	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	2.3	J			20.927	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6			SDG No.:	BM041724
Lab Sample ID:	P2032-22			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
BM045326.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6			SDG No.:	BM041724
Lab Sample ID:	P2032-22			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
BM045326.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6			SDG No.:	BM041724
Lab Sample ID:	P2032-22			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
BM045326.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.397		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	8.214		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.074		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.784		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.28		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	13.913		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	31.117		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.155		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.307		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.917		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.495		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.38		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.646	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	31.171		25-125		78	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:	4/11/2024 12:00:00 AM
Project:				Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6			SDG No.:	BM041724
Lab Sample ID:	P2032-22			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
BM045326.D	1	4/14/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160236

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.068		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.084		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	37.987		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.016		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62339	7.575				
1146-65-2	Naphthalene-d8	235104	10.34				
15067-26-2	Acenaphthene-d10	130779	14.222				
1517-22-2	Phenanthrene-d10	254119	16.986				
1719-03-5	Chrysene-d12	243172	21.198				
1520-96-3	Perylene-d12	344726	23.398				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS113			SDG No.:	BM041724
Lab Sample ID:	PB160113BS			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
BM045327.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.5		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	34		2.5	5	10	ug/L
110-86-1	Pyridine	24		1.4	10	10	ug/L
108-95-2	Phenol	26		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	26		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	27		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	30		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	26		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.5	2.5	5	ug/L

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:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS113			SDG No.:	BM041724
Lab Sample ID:	PB160113BS			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
BM045327.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		0.84	5	10	ug/L
83-32-9	Acenaphthene	27		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	26		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.5	2.5	5	ug/L
86-73-7	Fluorene	26		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	30		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.6	2.5	5	ug/L
1912-24-9	Atrazine	28		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	28		3.6	5	10	ug/L
85-01-8	Phenanthrene	28		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.5	2.5	5	ug/L
120-12-7	Anthracene	28		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		1.2	2.5	5	ug/L
86-74-8	Carbazole	28		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	31		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS113			SDG No.:	BM041724
Lab Sample ID:	PB160113BS			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
BM045327.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	29		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.5	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	30		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1.4	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	22.817		20-120		57	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.603		15-120		70	SPK: -8
4165-62-2	Phenol-d5	25.645		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.111		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.329		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.409		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.94		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.78		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.73		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.57		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.701		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.658		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.256		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	26.912		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS113			SDG No.:	BM041724
Lab Sample ID:	PB160113BS			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
BM045327.D	1	4/8/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160113

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.319		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	28.423		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	30.909		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.542		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57271	7.575				
1146-65-2	Naphthalene-d8	239596	10.339				
15067-26-2	Acenaphthene-d10	151102	14.221				
1517-22-2	Phenanthrene-d10	300118	16.986				
1719-03-5	Chrysene-d12	294964	21.203				
1520-96-3	Perylene-d12	389834	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK307			SDG No.:	BM041724
Lab Sample ID:	PB160307BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045329.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK307			SDG No.:	BM041724
Lab Sample ID:	PB160307BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045329.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

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

Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK307			SDG No.:	BM041724
Lab Sample ID:	PB160307BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045329.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.321		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	23.37		20-120		58	SPK: -40
4165-62-2	Phenol-d5	25.414		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.209		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.785		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	25.395		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	30.165		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.885		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.591		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.762		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.198		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.393		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.016		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	30.485		20-140		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK307			SDG No.:	BM041724
Lab Sample ID:	PB160307BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045329.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.858		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	33.866		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.683		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.399		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40404	7.569				
1146-65-2	Naphthalene-d8	150114	10.339				
15067-26-2	Acenaphthene-d10	81119	14.221				
1517-22-2	Phenanthrene-d10	153824	16.986				
1719-03-5	Chrysene-d12	146267	21.203				
1520-96-3	Perylene-d12	206423	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9			SDG No.:	BM041724
Lab Sample ID:	P2145-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
Sample Wt/Vol:	30	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
BM045330.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	40	U	40	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	49	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49	200	ug/Kg
78-59-1	Isophorone	39	U	39	49	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	49	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9			SDG No.:	BM041724
Lab Sample ID:	P2145-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
Sample Wt/Vol:	30	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
BM045330.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.2	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	95.2	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	49	200	ug/Kg
86-73-7	Fluorene	52	U	52	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49	200	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.2	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49	200	ug/Kg
120-12-7	Anthracene	50	U	50	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	49	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9			SDG No.:	BM041724
Lab Sample ID:	P2145-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
Sample Wt/Vol:	30	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
BM045330.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	52	U	52	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.143		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.868		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.194	*	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.024	*	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	18.859		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.823		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.035	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.954		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	0.111	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	2.494	*	20-140		6	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9			SDG No.:	BM041724
Lab Sample ID:	P2145-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
Sample Wt/Vol:	30	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
BM045330.D	1	4/16/2024 12:00:00 AM	4/17/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.021		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	22.23		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	0.05	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.04	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40765	7.575				
1146-65-2	Naphthalene-d8	151493	10.345				
15067-26-2	Acenaphthene-d10	83118	14.222				
1517-22-2	Phenanthrene-d10	167367	16.986				
1719-03-5	Chrysene-d12	182443	21.198				
1520-96-3	Perylene-d12	266483	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	95	J			3.669	
000108-88-3	Toluene	160	J			3.863	
	unknown-01	1700	J			14.457	
000057-10-3	n-Hexadecanoic acid	130	J			17.898	
002091-29-4	9-Hexadecenoic acid	120	J			19.074	
1000309-24-0	Oxalic acid, allyl dodecyl ester	92	J			20.927	
E966796	Total Alkanes	55	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X0			SDG No.:	BM041724
Lab Sample ID:	P2145-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
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
BM045331.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.9	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.9	380	ug/Kg
98-86-2	Acetophenone	43	U	43	93.9	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.4	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.4	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.4	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.4	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.4	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X0			SDG No.:	BM041724
Lab Sample ID:	P2145-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
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
BM045331.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.4	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.9	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.9	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.4	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.4	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.9	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.4	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.4	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.4	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X0			SDG No.:	BM041724
Lab Sample ID:	P2145-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
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
BM045331.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.4	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.991		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.24		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.426		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.464		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.805		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.611		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.949		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.281		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.858		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.924		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.393		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.852		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.575		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	28.13		20-140		70	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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X0			SDG No.:	BM041724
Lab Sample ID:	P2145-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
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
BM045331.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.343		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	29.769		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	31.43		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.012		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44822	7.575				
1146-65-2	Naphthalene-d8	179317	10.339				
15067-26-2	Acenaphthene-d10	103952	14.221				
1517-22-2	Phenanthrene-d10	205097	16.986				
1719-03-5	Chrysene-d12	206227	21.198				
1520-96-3	Perylene-d12	278469	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	98	J			17.898	
1000406-04-8	Pentadecafluorooctanoic acid, octa	94	J			20.927	
E966796	Total Alkanes	55	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X1			SDG No.:	BM041724
Lab Sample ID:	P2145-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.8
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
BM045332.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.1	71	ug/Kg
100-52-7	Benzaldehyde	80	U	80	88.2	350	ug/Kg
110-86-1	Pyridine	46	U	46	180	350	ug/Kg
108-95-2	Phenol	37	U	37	88.2	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	88.2	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.4	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	88.2	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	88.2	350	ug/Kg
98-86-2	Acetophenone	41	U	41	88.2	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	88.2	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45.4	180	ug/Kg
67-72-1	Hexachloroethane	25	U	25	45.4	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45.4	180	ug/Kg
78-59-1	Isophorone	36	U	36	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	45.4	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45.4	180	ug/Kg
105-60-2	Caprolactam	130	U	130	88.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	88.2	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	45.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X1			SDG No.:	BM041724
Lab Sample ID:	P2145-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.8
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
BM045332.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.4	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	88.2	350	ug/Kg
83-32-9	Acenaphthene	44	U	44	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	88.2	350	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	88.2	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45.4	180	ug/Kg
84-66-2	Diethylphthalate	64	U	64	45.4	180	ug/Kg
86-73-7	Fluorene	48	U	48	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	88.2	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	88.2	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.4	180	ug/Kg
1912-24-9	Atrazine	42	U	42	88.2	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	88.2	350	ug/Kg
85-01-8	Phenanthrene	47	U	47	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45.4	180	ug/Kg
120-12-7	Anthracene	46	U	46	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45.4	180	ug/Kg
86-74-8	Carbazole	48	U	48	88.2	350	ug/Kg
84-74-2	Di-n-butylphthalate	45	U	45	45.4	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	88.2	180	ug/Kg

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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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X1			SDG No.:	BM041724
Lab Sample ID:	P2145-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.8
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
BM045332.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	88.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	45.4	180	ug/Kg
218-01-9	Chrysene	48	U	48	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	88.2	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.026		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.625		20-120		44	SPK: -40
4165-62-2	Phenol-d5	22.694		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.719		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.327		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.058		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.736		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.218		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.757		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.699		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.079		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.724		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.297		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	29.502		20-140		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X1			SDG No.:	BM041724
Lab Sample ID:	P2145-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.8
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
BM045332.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.394		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	31.049		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.392		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.422		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39971	7.569				
1146-65-2	Naphthalene-d8	153857	10.339				
15067-26-2	Acenaphthene-d10	91480	14.221				
1517-22-2	Phenanthrene-d10	180421	16.986				
1719-03-5	Chrysene-d12	185520	21.197				
1520-96-3	Perylene-d12	245861	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.446	
001002-84-2	Pentadecanoic acid	120	J			17.898	
000112-79-8	9-Octadecenoic acid, (E)-	320	J			19.074	
000057-11-4	Octadecanoic acid	80	J			19.192	
074339-52-9	Trichloroacetic acid, tetradecyl e	99	J			20.927	
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X2			SDG No.:	BM041724
Lab Sample ID:	P2145-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.8
Sample Wt/Vol:	30	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
BM045333.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7	71	ug/Kg
100-52-7	Benzaldehyde	80	U	80	87.6	350	ug/Kg
110-86-1	Pyridine	46	U	46	180	350	ug/Kg
108-95-2	Phenol	37	U	37	87.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	87.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	87.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	87.6	350	ug/Kg
98-86-2	Acetophenone	40	U	40	87.6	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	87.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45.1	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	45.1	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45.1	180	ug/Kg
78-59-1	Isophorone	36	U	36	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.1	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45.1	180	ug/Kg
105-60-2	Caprolactam	130	U	130	87.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	87.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	45.1	180	ug/Kg

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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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X2			SDG No.:	BM041724
Lab Sample ID:	P2145-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.8
Sample Wt/Vol:	30	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
BM045333.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.1	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	87.6	350	ug/Kg
83-32-9	Acenaphthene	44	U	44	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	87.6	350	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	87.6	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45.1	180	ug/Kg
84-66-2	Diethylphthalate	64	U	64	45.1	180	ug/Kg
86-73-7	Fluorene	48	U	48	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	87.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	87.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.1	180	ug/Kg
1912-24-9	Atrazine	41	U	41	87.6	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	87.6	350	ug/Kg
85-01-8	Phenanthrene	47	U	47	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	45.1	180	ug/Kg
120-12-7	Anthracene	46	U	46	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45.1	180	ug/Kg
86-74-8	Carbazole	48	U	48	87.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	45	U	45	45.1	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	87.6	180	ug/Kg

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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X2			SDG No.:	BM041724
Lab Sample ID:	P2145-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.8
Sample Wt/Vol:	30	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
BM045333.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	87.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	45.1	180	ug/Kg
218-01-9	Chrysene	48	U	48	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	87.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.397		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	11.853		20-120		30	SPK: -40
4165-62-2	Phenol-d5	20.912		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.777		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.375		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.747		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.238		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.576		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.78		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.518		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.211		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.47		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.344		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	26.305		20-140		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X2			SDG No.:	BM041724
Lab Sample ID:	P2145-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.8
Sample Wt/Vol:	30	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
BM045333.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.533		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	27.509		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	28.764		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.071		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39959	7.569				
1146-65-2	Naphthalene-d8	154838	10.339				
15067-26-2	Acenaphthene-d10	87227	14.221				
1517-22-2	Phenanthrene-d10	173055	16.986				
1719-03-5	Chrysene-d12	178503	21.197				
1520-96-3	Perylene-d12	235074	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	160	J			4.357	
000057-10-3	n-Hexadecanoic acid	100	J			17.898	
000112-79-8	9-Octadecenoic acid, (E)-	380	J			19.074	
000057-11-4	Octadecanoic acid	100	J			19.192	
086711-81-1	2- Chloropropionic acid, hexadecyl	93	J			20.927	
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X3			SDG No.:	BM041724
Lab Sample ID:	P2145-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BM045334.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.3	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.6	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.3	380	ug/Kg
98-86-2	Acetophenone	43	U	43	94.3	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.6	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.6	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.6	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	48.6	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.6	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.6	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X3			SDG No.:	BM041724
Lab Sample ID:	P2145-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BM045334.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.6	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.3	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.3	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.6	190	ug/Kg
84-66-2	Diethylphthalate	69	U	69	48.6	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	45	U	45	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	94.3	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.6	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.6	190	ug/Kg
86-74-8	Carbazole	51	U	51	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.6	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	94.3	190	ug/Kg

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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:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X3			SDG No.:	BM041724
Lab Sample ID:	P2145-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BM045334.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.6	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.14		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.038		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.982		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.587		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.73		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.241		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.879		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.773		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.625		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.534		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.645		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.844		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.046		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	25.952		20-140		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/14/2024 12:00:00 AM
Project:				Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07X3			SDG No.:	BM041724
Lab Sample ID:	P2145-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BM045334.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.822		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.956		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	30.219		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.976		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42383	7.569				
1146-65-2	Naphthalene-d8	162742	10.339				
15067-26-2	Acenaphthene-d10	96766	14.221				
1517-22-2	Phenanthrene-d10	189966	16.986				
1719-03-5	Chrysene-d12	185525	21.197				
1520-96-3	Perylene-d12	252139	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			17.898	
006222-00-0	Acetic acid, trifluoro-, dodecyl e	120	J			19.068	
	(DEL) Alkane: Straight-Chain20.927	82	J			20.927	
E966796	Total Alkanes	82				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0			SDG No.:	BM041724
Lab Sample ID:	P2145-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.1
Sample Wt/Vol:	30	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
BM045335.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	88	U	88	97.2	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.2	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.2	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.1	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.1	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50.1	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.1	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	50.1	200	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0			SDG No.:	BM041724
Lab Sample ID:	P2145-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.1
Sample Wt/Vol:	30	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
BM045335.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.1	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.2	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.2	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.1	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.1	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.2	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.1	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.1	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	50.1	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.2	200	ug/Kg

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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:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0			SDG No.:	BM041724
Lab Sample ID:	P2145-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.1
Sample Wt/Vol:	30	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
BM045335.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.1	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.901		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.3		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.789		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.117	*	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.022	*	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	15.496		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.074		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.1	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.78		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	0.065	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	1.741	*	20-140		4	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:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0			SDG No.:	BM041724
Lab Sample ID:	P2145-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.1
Sample Wt/Vol:	30	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
BM045335.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.616		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	22.23		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	0.091	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.186	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40296	7.575				
1146-65-2	Naphthalene-d8	158322	10.345				
15067-26-2	Acenaphthene-d10	94931	14.222				
1517-22-2	Phenanthrene-d10	182827	16.986				
1719-03-5	Chrysene-d12	177767	21.198				
1520-96-3	Perylene-d12	251972	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			17.898	
	(DEL) Alkane: Straight-Chain20.927	93	J			20.927	
E966796	Total Alkanes	93				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y1			SDG No.:	BM041724
Lab Sample ID:	P2145-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30	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
BM045336.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.7	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.7	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.7	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.3	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.3	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.3	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.3	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.3	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y1			SDG No.:	BM041724
Lab Sample ID:	P2145-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30	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
BM045336.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.3	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.7	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.7	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.3	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.3	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.3	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.7	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.3	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.3	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.3	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.7	200	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y1			SDG No.:	BM041724
Lab Sample ID:	P2145-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30	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
BM045336.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.3	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.302		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	16.146		20-120		40	SPK: -40
4165-62-2	Phenol-d5	23.596		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.441		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.849		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.054		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.917		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.163		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.178		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.669		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.164		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.097		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.384		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	29.642		20-140		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y1			SDG No.:	BM041724
Lab Sample ID:	P2145-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30	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
BM045336.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.934		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	31.09		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	33.864		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.923		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38998	7.575				
1146-65-2	Naphthalene-d8	156336	10.34				
15067-26-2	Acenaphthene-d10	90090	14.222				
1517-22-2	Phenanthrene-d10	177027	16.986				
1719-03-5	Chrysene-d12	172583	21.198				
1520-96-3	Perylene-d12	238543	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			17.898	
000506-51-4	n-Tetracosanol-1	160	J			20.927	
E966796	Total Alkanes	56	U			99	ug/Kg

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:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y2			SDG No.:	BM041724
Lab Sample ID:	P2145-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BM045337.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.5	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.5	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.5	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.2	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.2	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.2	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.2	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.2	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y2			SDG No.:	BM041724
Lab Sample ID:	P2145-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BM045337.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.2	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.5	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.5	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.2	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.2	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.5	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.2	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.2	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y2			SDG No.:	BM041724
Lab Sample ID:	P2145-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BM045337.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.43		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	18.223		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.639		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.619		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.944		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.094		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.298		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.49		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.55		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.677		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.048		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.65		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.542		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	26.115		20-140		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y2			SDG No.:	BM041724
Lab Sample ID:	P2145-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BM045337.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.18		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	28.13		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.501		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.362		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42893	7.569				
1146-65-2	Naphthalene-d8	165342	10.339				
15067-26-2	Acenaphthene-d10	94045	14.221				
1517-22-2	Phenanthrene-d10	177190	16.986				
1719-03-5	Chrysene-d12	163801	21.197				
1520-96-3	Perylene-d12	233955	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	78	J			10.169	
000057-10-3	n-Hexadecanoic acid	120	J			17.898	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			20.927	
E966796	Total Alkanes	54	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y3			SDG No.:	BM041724
Lab Sample ID:	P2145-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
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
BM045338.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.4	74	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92	370	ug/Kg
98-86-2	Acetophenone	42	U	42	92	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.4	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.4	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.4	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.4	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.4	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	88	U	88	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y3			SDG No.:	BM041724
Lab Sample ID:	P2145-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
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
BM045338.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.4	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92	370	ug/Kg
132-64-9	Dibenzofuran	51	U	51	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.4	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.4	190	ug/Kg
86-73-7	Fluorene	50	U	50	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.4	190	ug/Kg
1912-24-9	Atrazine	43	U	43	92	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	92	370	ug/Kg
85-01-8	Phenanthrene	49	U	49	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.4	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.4	190	ug/Kg
86-74-8	Carbazole	50	U	50	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.4	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	92	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y3			SDG No.:	BM041724
Lab Sample ID:	P2145-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
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
BM045338.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47.4	190	ug/Kg
218-01-9	Chrysene	50	U	50	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.383		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.955		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.841		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.019		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.582		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.476		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.946		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.136		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.104		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.341		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.285		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.094		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.591		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	21.572		20-140		54	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:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y3			SDG No.:	BM041724
Lab Sample ID:	P2145-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
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
BM045338.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.197		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	23.101		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	25.141		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.45		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45415	7.569				
1146-65-2	Naphthalene-d8	176333	10.339				
15067-26-2	Acenaphthene-d10	96696	14.222				
1517-22-2	Phenanthrene-d10	177708	16.986				
1719-03-5	Chrysene-d12	167833	21.198				
1520-96-3	Perylene-d12	239424	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	130	J			4.352	
000057-10-3	n-Hexadecanoic acid	83	J			17.892	
074685-36-2	Oxacyclotetradecane-2,11-dione, 13	85	J			19.068	
E966796	Total Alkanes	54	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4			SDG No.:	BM041724
Lab Sample ID:	P2145-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30	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
BM045339.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.1	71	ug/Kg
100-52-7	Benzaldehyde	80	U	80	88.1	350	ug/Kg
110-86-1	Pyridine	46	U	46	180	350	ug/Kg
108-95-2	Phenol	37	U	37	88.1	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	88.1	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.4	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	88.1	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	88.1	350	ug/Kg
98-86-2	Acetophenone	41	U	41	88.1	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	88.1	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45.4	180	ug/Kg
67-72-1	Hexachloroethane	25	U	25	45.4	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45.4	180	ug/Kg
78-59-1	Isophorone	36	U	36	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	45.4	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45.4	180	ug/Kg
105-60-2	Caprolactam	130	U	130	88.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	88.1	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	45.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4			SDG No.:	BM041724
Lab Sample ID:	P2145-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30	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
BM045339.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.4	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	88.1	350	ug/Kg
83-32-9	Acenaphthene	44	U	44	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	88.1	350	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	88.1	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45.4	180	ug/Kg
84-66-2	Diethylphthalate	64	U	64	45.4	180	ug/Kg
86-73-7	Fluorene	48	U	48	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	88.1	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	88.1	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.4	180	ug/Kg
1912-24-9	Atrazine	42	U	42	88.1	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	88.1	350	ug/Kg
85-01-8	Phenanthrene	47	U	47	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	45.4	180	ug/Kg
120-12-7	Anthracene	46	U	46	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45.4	180	ug/Kg
86-74-8	Carbazole	48	U	48	88.1	350	ug/Kg
84-74-2	Di-n-butylphthalate	45	U	45	45.4	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	88.1	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4			SDG No.:	BM041724
Lab Sample ID:	P2145-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30	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
BM045339.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	88.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	45.4	180	ug/Kg
218-01-9	Chrysene	48	U	48	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	88.1	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.118		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	24.458		20-120		61	SPK: -40
4165-62-2	Phenol-d5	29.704		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.425		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.783		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	29.715		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	33.933		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.018		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.153		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.753		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.944		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.506		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.933		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	35.902		20-140		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4			SDG No.:	BM041724
Lab Sample ID:	P2145-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30	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
BM045339.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.891		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	37.081		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	41.138		10-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.452		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37378	7.569				
1146-65-2	Naphthalene-d8	147637	10.339				
15067-26-2	Acenaphthene-d10	87661	14.221				
1517-22-2	Phenanthrene-d10	179268	16.98				
1719-03-5	Chrysene-d12	169402	21.197				
1520-96-3	Perylene-d12	234302	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	220	J			4.352	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	76	J			10.169	
000057-10-3	n-Hexadecanoic acid	120	J			17.898	
1000309-38-3	Oxalic acid, isobutyl octadecyl es	130	J			20.927	
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MS			SDG No.:	BM041724
Lab Sample ID:	P2145-11MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.08	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
BM045340.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	410		14	7	71	ug/Kg
100-52-7	Benzaldehyde	1700		80	87.9	350	ug/Kg
110-86-1	Pyridine	1200		46	180	350	ug/Kg
108-95-2	Phenol	1300		37	87.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		36	87.9	350	ug/Kg
95-57-8	2-Chlorophenol	1400		30	45.3	180	ug/Kg
95-48-7	2-Methylphenol	1300		32	87.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		29	87.9	350	ug/Kg
98-86-2	Acetophenone	1300		40	87.9	350	ug/Kg
106-44-5	4-Methylphenol	1400		34	87.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		31	45.3	180	ug/Kg
67-72-1	Hexachloroethane	1500		25	45.3	180	ug/Kg
98-95-3	Nitrobenzene	1400		38	45.3	180	ug/Kg
78-59-1	Isophorone	1400		36	45.3	180	ug/Kg
88-75-5	2-Nitrophenol	1400		34	45.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		30	45.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		40	45.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		42	45.3	180	ug/Kg
91-20-3	Naphthalene	1300		36	45.3	180	ug/Kg
106-47-8	4-Chloroaniline	1100		46	45.3	350	ug/Kg
87-68-3	Hexachlorobutadiene	1300		36	45.3	180	ug/Kg
105-60-2	Caprolactam	1200		130	87.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		30	45.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	1400		44	45.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	1300		39	45.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		84	87.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		46	45.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		45	45.3	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MS			SDG No.:	BM041724
Lab Sample ID:	P2145-11MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.08	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
BM045340.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		51	45.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1400		48	45.3	180	ug/Kg
88-74-4	2-Nitroaniline	1500		23	45.3	180	ug/Kg
131-11-3	Dimethylphthalate	1300		45	45.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		22	45.3	180	ug/Kg
208-96-8	Acenaphthylene	1300		46	45.3	180	ug/Kg
99-09-2	3-Nitroaniline	1300		21	87.9	350	ug/Kg
83-32-9	Acenaphthene	1300		44	45.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		130	87.9	350	ug/Kg
100-02-7	4-Nitrophenol	1300		44	87.9	350	ug/Kg
132-64-9	Dibenzofuran	1300		49	45.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		29	45.3	180	ug/Kg
84-66-2	Diethylphthalate	1300		64	45.3	180	ug/Kg
86-73-7	Fluorene	1300		48	45.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		50	45.3	180	ug/Kg
100-01-6	4-Nitroaniline	1400		45	87.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		17	87.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		45	45.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		54	45.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		48	45.3	180	ug/Kg
118-74-1	Hexachlorobenzene	1300		53	45.3	180	ug/Kg
1912-24-9	Atrazine	1400		42	87.9	350	ug/Kg
87-86-5	Pentachlorophenol	1300		93	87.9	350	ug/Kg
85-01-8	Phenanthrene	1400		47	45.3	180	ug/Kg
608-93-5	Pentachlorobenzene	1400		54	45.3	180	ug/Kg
120-12-7	Anthracene	1300		46	45.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		35	45.3	180	ug/Kg
86-74-8	Carbazole	1300		48	87.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	1500		45	45.3	180	ug/Kg
206-44-0	Fluoranthene	1500		47	87.9	180	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MS			SDG No.:	BM041724
Lab Sample ID:	P2145-11MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.08	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
BM045340.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		47	45.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	1700		34	45.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		25	87.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	1400		42	45.3	180	ug/Kg
218-01-9	Chrysene	1400		48	45.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		47	45.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		36	87.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		45	45.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		48	45.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	1200		45	45.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		39	45.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		39	45.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		37	45.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		39	45.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.928		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	28.463		20-120		71	SPK: -40
4165-62-2	Phenol-d5	33.523		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.337		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.596		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	34.477		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	35.699		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.009		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.324		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.837		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.578		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.503		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.334		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	34.023		20-140		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MS			SDG No.:	BM041724
Lab Sample ID:	P2145-11MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.08	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
BM045340.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.986		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	36.001		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	39.161		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.159		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41839	7.569				
1146-65-2	Naphthalene-d8	178844	10.339				
15067-26-2	Acenaphthene-d10	106636	14.222				
1517-22-2	Phenanthrene-d10	211604	16.986				
1719-03-5	Chrysene-d12	206695	21.198				
1520-96-3	Perylene-d12	279675	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MSD			SDG No.:	BM041724
Lab Sample ID:	P2145-12MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.07	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
BM045341.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		14	7	71	ug/Kg
100-52-7	Benzaldehyde	1800		80	87.9	350	ug/Kg
110-86-1	Pyridine	1300		46	180	350	ug/Kg
108-95-2	Phenol	1400		37	87.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		36	87.9	350	ug/Kg
95-57-8	2-Chlorophenol	1500		30	45.3	180	ug/Kg
95-48-7	2-Methylphenol	1400		32	87.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		29	87.9	350	ug/Kg
98-86-2	Acetophenone	1300		41	87.9	350	ug/Kg
106-44-5	4-Methylphenol	1400		34	87.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		31	45.3	180	ug/Kg
67-72-1	Hexachloroethane	1500		25	45.3	180	ug/Kg
98-95-3	Nitrobenzene	1600		38	45.3	180	ug/Kg
78-59-1	Isophorone	1500		36	45.3	180	ug/Kg
88-75-5	2-Nitrophenol	1600		34	45.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		30	45.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		41	45.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		42	45.3	180	ug/Kg
91-20-3	Naphthalene	1500		36	45.3	180	ug/Kg
106-47-8	4-Chloroaniline	1200		46	45.3	350	ug/Kg
87-68-3	Hexachlorobutadiene	1500		36	45.3	180	ug/Kg
105-60-2	Caprolactam	1400		130	87.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		30	45.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	1500		44	45.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		39	45.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		84	87.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		46	45.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		45	45.3	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MSD			SDG No.:	BM041724
Lab Sample ID:	P2145-12MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.07	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
BM045341.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		51	45.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1500		48	45.3	180	ug/Kg
88-74-4	2-Nitroaniline	1700		23	45.3	180	ug/Kg
131-11-3	Dimethylphthalate	1500		45	45.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		22	45.3	180	ug/Kg
208-96-8	Acenaphthylene	1500		46	45.3	180	ug/Kg
99-09-2	3-Nitroaniline	1400		21	87.9	350	ug/Kg
83-32-9	Acenaphthene	1500		44	45.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		130	87.9	350	ug/Kg
100-02-7	4-Nitrophenol	1500		44	87.9	350	ug/Kg
132-64-9	Dibenzofuran	1500		49	45.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		29	45.3	180	ug/Kg
84-66-2	Diethylphthalate	1500		64	45.3	180	ug/Kg
86-73-7	Fluorene	1400		48	45.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		50	45.3	180	ug/Kg
100-01-6	4-Nitroaniline	1600		45	87.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		17	87.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		45	45.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		54	45.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		48	45.3	180	ug/Kg
118-74-1	Hexachlorobenzene	1500		53	45.3	180	ug/Kg
1912-24-9	Atrazine	1500		42	87.9	350	ug/Kg
87-86-5	Pentachlorophenol	1400		93	87.9	350	ug/Kg
85-01-8	Phenanthrene	1500		47	45.3	180	ug/Kg
608-93-5	Pentachlorobenzene	1500		54	45.3	180	ug/Kg
120-12-7	Anthracene	1500		46	45.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		35	45.3	180	ug/Kg
86-74-8	Carbazole	1400		48	87.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	1700		45	45.3	180	ug/Kg
206-44-0	Fluoranthene	1700		47	87.9	180	ug/Kg

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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:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MSD			SDG No.:	BM041724
Lab Sample ID:	P2145-12MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.07	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
BM045341.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		47	45.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	1800		34	45.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		25	87.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	1500		42	45.3	180	ug/Kg
218-01-9	Chrysene	1500		48	45.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		47	45.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		36	87.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		45	45.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		48	45.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	1300		45	45.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		39	45.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		39	45.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		37	45.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		39	45.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.143		15-120		102	SPK: -8
7291-22-7	Pyridine-d5	29.605		20-120		74	SPK: -40
4165-62-2	Phenol-d5	34.404		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.381		10-150		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.45		15-120		94	SPK: -40
190780-66-6	4-Methylphenol-d8	34.483		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	40.298		10-135		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.466		10-120		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.137		10-140		100	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.417		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.598		10-145		99	SPK: -40
93951-97-4	Acenaphthylene-d8	39.863		15-120		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.828		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	37.988		20-140		95	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y4MSD			SDG No.:	BM041724
Lab Sample ID:	P2145-12MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.4
Sample Wt/Vol:	30.07	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
BM045341.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.705		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	38.678		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	42.279		10-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.389		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41451	7.569				
1146-65-2	Naphthalene-d8	159913	10.339				
15067-26-2	Acenaphthene-d10	93269	14.221				
1517-22-2	Phenanthrene-d10	189791	16.986				
1719-03-5	Chrysene-d12	186382	21.197				
1520-96-3	Perylene-d12	253427	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y5			SDG No.:	BM041724
Lab Sample ID:	P2145-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.7
Sample Wt/Vol:	30	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
BM045342.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7	71	ug/Kg
100-52-7	Benzaldehyde	80	U	80	87.5	350	ug/Kg
110-86-1	Pyridine	46	U	46	170	350	ug/Kg
108-95-2	Phenol	37	U	37	87.5	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	87.5	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	87.5	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	87.5	350	ug/Kg
98-86-2	Acetophenone	40	U	40	87.5	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	87.5	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45.1	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	45.1	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45.1	180	ug/Kg
78-59-1	Isophorone	36	U	36	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.1	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45.1	180	ug/Kg
105-60-2	Caprolactam	130	U	130	87.5	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	87.5	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	45.1	180	ug/Kg

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y5			SDG No.:	BM041724
Lab Sample ID:	P2145-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.7
Sample Wt/Vol:	30	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
BM045342.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.1	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	87.5	350	ug/Kg
83-32-9	Acenaphthene	43	U	43	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	87.5	350	ug/Kg
100-02-7	4-Nitrophenol	43	U	43	87.5	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45.1	180	ug/Kg
84-66-2	Diethylphthalate	64	U	64	45.1	180	ug/Kg
86-73-7	Fluorene	48	U	48	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	87.5	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	87.5	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.1	180	ug/Kg
1912-24-9	Atrazine	41	U	41	87.5	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	87.5	350	ug/Kg
85-01-8	Phenanthrene	47	U	47	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	45.1	180	ug/Kg
120-12-7	Anthracene	46	U	46	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45.1	180	ug/Kg
86-74-8	Carbazole	48	U	48	87.5	350	ug/Kg
84-74-2	Di-n-butylphthalate	45	U	45	45.1	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	87.5	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y5			SDG No.:	BM041724
Lab Sample ID:	P2145-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.7
Sample Wt/Vol:	30	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
BM045342.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	87.5	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	45.1	180	ug/Kg
218-01-9	Chrysene	48	U	48	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	87.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.627		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.206		20-120		61	SPK: -40
4165-62-2	Phenol-d5	29.124		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.642		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.96		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	28.575		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	33.078		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.194		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.954		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.75		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.088		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.2		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.086		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	30.896		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM
Project:				Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y5			SDG No.:	BM041724
Lab Sample ID:	P2145-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.7
Sample Wt/Vol:	30	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
BM045342.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.158		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	33.815		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	38.269		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.875		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41805	7.569				
1146-65-2	Naphthalene-d8	166721	10.339				
15067-26-2	Acenaphthene-d10	95101	14.222				
1517-22-2	Phenanthrene-d10	173483	16.98				
1719-03-5	Chrysene-d12	154983	21.198				
1520-96-3	Perylene-d12	227205	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	160	J			4.352	
000057-10-3	n-Hexadecanoic acid	94	J			17.898	
E966796	Total Alkanes	51	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS307			SDG No.:	BM041724
Lab Sample ID:	PB160307BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045343.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		75	82.5	330	ug/Kg
110-86-1	Pyridine	970		43	170	330	ug/Kg
108-95-2	Phenol	1000		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	980		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		36	42.5	170	ug/Kg
78-59-1	Isophorone	1100		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	880		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		34	42.5	170	ug/Kg
105-60-2	Caprolactam	980		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		42	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS307			SDG No.:	BM041724
Lab Sample ID:	PB160307BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045343.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	980		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	910		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		60	42.5	170	ug/Kg
86-73-7	Fluorene	1000		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		51	42.5	170	ug/Kg
120-12-7	Anthracene	1100		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		33	42.5	170	ug/Kg
86-74-8	Carbazole	1100		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		44	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS307			SDG No.:	BM041724
Lab Sample ID:	PB160307BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045343.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.393		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	29.445		20-120		74	SPK: -40
4165-62-2	Phenol-d5	30.239		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.427		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.609		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	30.817		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	35.158		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.918		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.981		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.996		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.807		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.744		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.693		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.7		20-140		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS307			SDG No.:	BM041724
Lab Sample ID:	PB160307BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	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
BM045343.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.518		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	35.434		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	37.493		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.961		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41552	7.569				
1146-65-2	Naphthalene-d8	162977	10.339				
15067-26-2	Acenaphthene-d10	97405	14.221				
1517-22-2	Phenanthrene-d10	190239	16.986				
1719-03-5	Chrysene-d12	185565	21.198				
1520-96-3	Perylene-d12	245884	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK316			SDG No.:	BM041724
Lab Sample ID:	PB160316BL			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
BM045345.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	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:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK316			SDG No.:	BM041724
Lab Sample ID:	PB160316BL			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
BM045345.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK316			SDG No.:	BM041724
Lab Sample ID:	PB160316BL			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
BM045345.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.826		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.941		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.252		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.353		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.613		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	29.333		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.849		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.602		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.906		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.52		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.453		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.849		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.282		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	32.498		25-125		81	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:	4/16/2024 12:00:00 AM
Project:				Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK316			SDG No.:	BM041724
Lab Sample ID:	PB160316BL			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
BM045345.D	1	4/16/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.837		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	33.575		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	38.98		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.543		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43702	7.569				
1146-65-2	Naphthalene-d8	171719	10.339				
15067-26-2	Acenaphthene-d10	100964	14.222				
1517-22-2	Phenanthrene-d10	205214	16.98				
1719-03-5	Chrysene-d12	186250	21.198				
1520-96-3	Perylene-d12	266000	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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.: BM041724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E0MG3									
P2032-17	E0MG3	Water	n-Hexadecanoic acid	*	2.700	J			
P2032-17	E0MG3	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**2.70**				
			Total Concentration:		**2.70**				
Client ID : E0MG4									
P2032-20	E0MG4	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID : E0MG5									
P2032-21	E0MG5	Water	Carbonic acid, hexadecyl prop-1-e	*	2.300	J			
P2032-21	E0MG5	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**2.30**				
			Total Concentration:		**2.30**				
Client ID : E0MG6									
P2032-22	E0MG6	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID : MC0R51DL									
P2051-08DL	MC0R51DL	Water	Aniline	*	380.000	JD			
P2051-08DL	MC0R51DL	Water	Benzene, 1,3,5-trichloro-	*	120.000	JD			
P2051-08DL	MC0R51DL	Water	Benzene, 1,3-dichloro-	*	270.000	JD			
P2051-08DL	MC0R51DL	Water	Benzene, 1,4-dichloro-	*	5,000.000	JD			
P2051-08DL	MC0R51DL	Water	Benzene, chloro-	*	43,000.000	JD			
P2051-08DL	MC0R51DL	Water	Total Alkanes	*	0.000	D	86	250	ug/L
			Total Tics :		**48,770.00**				
P2051-08DL	MC0R51DL	Water	Nitrobenzene		1,200.000	D	71	250	ug/L
			Total Svoc :		**1,200.00**				
			Total Concentration:		**49,970.00**				
Client ID : C0RB9DL									
P2051-09DL	C0RB9DL	Water	Benzene, 1,2,3-trichloro-	*	4,900.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, 1,2,4-trichloro-	*	470.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, 1,3-dichloro-	*	1,600.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, 1,4-dichloro-	*	130.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, chloro-	*	290.000	JD			
P2051-09DL	C0RB9DL	Water	Total Alkanes	*	0.000	D	17	50	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM041724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P2051-09DL	C0RB9DL	Water	Benzene, 1,2,3-trichloro-	*	3,800.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, 1,2,4-trichloro-	*	470.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, 1,2-dichloro-	*	1,700.000	JD			
P2051-09DL	C0RB9DL	Water	Benzene, chloro-	*	330.000	JD			
P2051-09DL	C0RB9DL	Water	Total Alkanes	*	0.000	D	170	500	ug/L
			Total Tics :		**13,690.00**				
P2051-09DL	C0RB9DL	Water	1,2,3,4-Tetrachlorobenzene		2,100.000	ED	12	50	ug/L
P2051-09DL	C0RB9DL	Water	1,2,4,5-Tetrachlorobenzene		300.000	D	18	50	ug/L
P2051-09DL	C0RB9DL	Water	Pentachlorobenzene		74.000	D	15	50	ug/L
P2051-09DL	C0RB9DL	Water	1,2,3,4-Tetrachlorobenzene		2,100.000	D	120	500	ug/L
P2051-09DL	C0RB9DL	Water	1,2,4,5-Tetrachlorobenzene		310.000	JD	180	500	ug/L
			Total Svoc :		**4,884.00**				
			Total Concentration:		**18,574.00**				
Client ID :	**C0RH9DL**								
P2051-12DL	C0RH9DL	Water	Benzene, 1,2,3-trichloro-	*	1,700.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,2,4-trichloro-	*	6,100.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,2-dichloro-	*	110.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,3-dichloro-	*	22.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,4-dichloro-	*	100.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1-bromo-4-chloro-	*	21.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1-chloro-2-nitro-	*	75.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1-chloro-3-nitro-	*	370.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, chloro-	*	73.000	JD			
P2051-12DL	C0RH9DL	Water	o-Chloroaniline	*	82.000	JD			
P2051-12DL	C0RH9DL	Water	Total Alkanes	*	0.000	D	8.7	26	ug/L
P2051-12DL	C0RH9DL	Water	Benzene, 1,2,3-trichloro-	*	1,500.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,2,4-trichloro-	*	3,900.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,3-dichloro-	*	20,000.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1,4-dichloro-	*	3,600.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, 1-chloro-3-nitro-	*	250.000	JD			
P2051-12DL	C0RH9DL	Water	Benzene, chloro-	*	13,000.000	JD			
P2051-12DL	C0RH9DL	Water	Total Alkanes	*	0.000	D	170	510	ug/L
			Total Tics :		**50,903.00**				
P2051-12DL	C0RH9DL	Water	1,2,3,4-Tetrachlorobenzene		130.000	D	6.1	26	ug/L
P2051-12DL	C0RH9DL	Water	1,2,4,5-Tetrachlorobenzene		65.000	D	9.2	26	ug/L
P2051-12DL	C0RH9DL	Water	4-Chloroaniline		15.000	JD	7.1	51	ug/L
P2051-12DL	C0RH9DL	Water	Nitrobenzene		2,700.000	ED	7.1	26	ug/L
P2051-12DL	C0RH9DL	Water	Phenol		7.600	JD	7.1	51	ug/L
P2051-12DL	C0RH9DL	Water	1,2,3,4-Tetrachlorobenzene		150.000	JD	120	510	ug/L
P2051-12DL	C0RH9DL	Water	Nitrobenzene		2,300.000	D	140	510	ug/L

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.: BM041724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**5,367.60**				
			Total Concentration:		**56,270.60**				
Client ID :	**C0R55**								
P2099-01	C0R55	Water	Benzene, 1,2,3-trichloro-	*	23.000	J			
P2099-01	C0R55	Water	Benzene, 1,2,4-trichloro-	*	910.000	J			
P2099-01	C0R55	Water	Benzene, 1,3-dichloro-	*	13.000	J			
P2099-01	C0R55	Water	Benzene, 1,4-dichloro-	*	20.000	J			
P2099-01	C0R55	Water	Benzene, chloro-	*	36.000	J			
P2099-01	C0R55	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**1,002.00**				
P2099-01	C0R55	Water	4-Chloroaniline		6.800	J	1.4	10	ug/L
			Total Svoc :		**6.80**				
			Total Concentration:		**1,008.80**				
Client ID :	**E07W9**								
P2145-01	E07W9	Solid	9-Hexadecenoic acid	*	120.000	J			
P2145-01	E07W9	Solid	Methacrylamide	*	95.000	J			
P2145-01	E07W9	Solid	n-Hexadecanoic acid	*	130.000	J			
P2145-01	E07W9	Solid	Oxalic acid, allyl dodecyl ester	*	92.000	J			
P2145-01	E07W9	Solid	Toluene	*	160.000	J			
P2145-01	E07W9	Solid	unknown-01	*	1,700.000	J			
P2145-01	E07W9	Solid	Total Alkanes	*	0.000		55	200	ug/Kg
			Total Tics :		**2,297.00**				
			Total Concentration:		**2,297.00**				
Client ID :	**E07X0**								
P2145-02	E07X0	Solid	n-Hexadecanoic acid	*	98.000	J			
P2145-02	E07X0	Solid	Pentadecafluorooctanoic acid, oct	*	94.000	J			
P2145-02	E07X0	Solid	Total Alkanes	*	0.000		55	190	ug/Kg
			Total Tics :		**192.00**				
			Total Concentration:		**192.00**				
Client ID :	**E07X1**								
P2145-03	E07X1	Solid	9-Octadecenoic acid, (E)-	*	320.000	J			
P2145-03	E07X1	Solid	Octadecanoic acid	*	80.000	J			
P2145-03	E07X1	Solid	Pentadecanoic acid	*	120.000	J			
P2145-03	E07X1	Solid	Trichloroacetic acid, tetradecyl e	*	99.000	J			
P2145-03	E07X1	Solid	unknown-01	*	120.000	J			
P2145-03	E07X1	Solid	Total Alkanes	*	0.000		51	180	ug/Kg
			Total Tics :		**739.00**				
			Total Concentration:		**739.00**				

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Hit Summary Sheet
SW-846

SDG No.: BM041724

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : E07X2									
P2145-04	E07X2	Solid	2- Chloropropionic acid, hexadecy	*	93.000	J			
P2145-04	E07X2	Solid	9-Octadecenoic acid, (E)-	*	380.000	J			
P2145-04	E07X2	Solid	n-Hexadecanoic acid	*	100.000	J			
P2145-04	E07X2	Solid	Octadecanoic acid	*	100.000	J			
P2145-04	E07X2	Solid	Tetrachloroethylene	*	160.000	J			
P2145-04	E07X2	Solid	Total Alkanes	*	0.000		51	180	ug/Kg
			Total Tics :		**833.00**				
			Total Concentration:		**833.00**				
Client ID : E07X3									
P2145-05	E07X3	Solid	(DEL) Alkane: Straight-Chain20.9	*	82.000	J			
P2145-05	E07X3	Solid	Acetic acid, trifluoro-, dodecyl e	*	120.000	J			
P2145-05	E07X3	Solid	n-Hexadecanoic acid	*	150.000	J			
P2145-05	E07X3	Solid	Total Alkanes	*	82.000		55	190	ug/Kg
			Total Tics :		**434.00**				
			Total Concentration:		**434.00**				
Client ID : E07Y0									
P2145-06	E07Y0	Solid	(DEL) Alkane: Straight-Chain20.9	*	93.000	J			
P2145-06	E07Y0	Solid	n-Hexadecanoic acid	*	100.000	J			
P2145-06	E07Y0	Solid	Total Alkanes	*	93.000		57	200	ug/Kg
			Total Tics :		**286.00**				
			Total Concentration:		**286.00**				
Client ID : E07Y1									
P2145-07	E07Y1	Solid	n-Hexadecanoic acid	*	160.000	J			
P2145-07	E07Y1	Solid	n-Tetracosanol-1	*	160.000	J			
P2145-07	E07Y1	Solid	Total Alkanes	*	0.000		56	200	ug/Kg
			Total Tics :		**320.00**				
			Total Concentration:		**320.00**				
Client ID : E07Y2									
P2145-08	E07Y2	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	78.000	J			
P2145-08	E07Y2	Solid	n-Hexadecanoic acid	*	120.000	J			
P2145-08	E07Y2	Solid	Pentadecafluorooctanoic acid, oct	*	110.000	J			
P2145-08	E07Y2	Solid	Total Alkanes	*	0.000		54	190	ug/Kg
			Total Tics :		**308.00**				
			Total Concentration:		**308.00**				
Client ID : E07Y3									
P2145-09	E07Y3	Solid	n-Hexadecanoic acid	*	83.000	J			
P2145-09	E07Y3	Solid	Oxacyclotetradecane-2,11-dione,	*	85.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM041724

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2145-09	E07Y3	Solid	Tetrachloroethylene	*	130.000	J			
P2145-09	E07Y3	Solid	Total Alkanes	*	0.000		54	190	ug/Kg
			Total Tics :		**298.00**				
			Total Concentration:		**298.00**				
Client ID :	**E07Y4**								
P2145-10	E07Y4	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	76.000	J			
P2145-10	E07Y4	Solid	n-Hexadecanoic acid	*	120.000	J			
P2145-10	E07Y4	Solid	Oxalic acid, isobutyl octadecyl es	*	130.000	J			
P2145-10	E07Y4	Solid	Tetrachloroethylene	*	220.000	J			
P2145-10	E07Y4	Solid	Total Alkanes	*	0.000		51	180	ug/Kg
			Total Tics :		**546.00**				
			Total Concentration:		**546.00**				
Client ID :	**E07Y5**								
P2145-13	E07Y5	Solid	n-Hexadecanoic acid	*	94.000	J			
P2145-13	E07Y5	Solid	Tetrachloroethylene	*	160.000	J			
P2145-13	E07Y5	Solid	Total Alkanes	*	0.000		51	180	ug/Kg
			Total Tics :		**254.00**				
			Total Concentration:		**254.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM040524 SAS No.: BM040524 SDG No.: BM040524

Instrument ID: Calibration Date(s): 4/5/2024 1:

Calibration Time(s): 19:08

LAB FILE ID: RRFAL1 = BM044955.D RRFAL2 = BM044956.D RRFAL3 = BM044957.D
RRFAL4 = BM044958.D RRFAL5 = BM044959.D RRFAL6 = BM044960.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.543	0.575	0.633	0.544	0.501		0.559	8.7
Benzaldehyde		0.880	1.051	0.831	0.615	0.552	0.786	25.9
Pyridine		1.363	1.626	1.513	1.587	1.626	1.543	7.2
Hexachloroethane	0.556	0.590	0.683	0.613	0.624		0.613	7.7
Nitrobenzene	0.327	0.363	0.408	0.389	0.398		0.377	8.6
Isophorone	0.623	0.641	0.740	0.708	0.752		0.692	8.4
2-Nitrophenol	0.145	0.162	0.200	0.193	0.200		0.180	14.0
2,4-Dimethylphenol	0.315	0.331	0.376	0.351	0.361		0.347	6.9
Bis(2-Chloroethoxy)methane	0.362	0.396	0.443	0.417	0.434		0.411	7.9
2,4-Dichlorophenol	0.257	0.280	0.331	0.310	0.323		0.300	10.3
Naphthalene	1.001	1.014	1.148	1.057	1.075		1.059	5.5
4-Chloroaniline		0.404	0.465	0.452	0.482	0.499	0.461	7.8
Hexachlorobutadiene	0.175	0.182	0.205	0.188	0.184		0.187	5.9
Phenol		1.553	1.803	1.719	1.830	1.873	1.756	7.2
Caprolactam		0.080	0.101	0.104	0.107	0.114	0.101	12.4
4-Chloro-3-methylphenol	0.252	0.269	0.322	0.313	0.336		0.299	12.1
1-Methylnaphthalene	0.657	0.669	0.745	0.698	0.728		0.700	5.4
2-Methylnaphthalene	0.642	0.664	0.731	0.694	0.726		0.691	5.6
Hexachlorocyclopentadiene		0.268	0.326	0.334	0.353	0.375	0.331	12.1
2,4,6-Trichlorophenol	0.289	0.337	0.380	0.382	0.395		0.357	12.2
2,4,5-Trichlorophenol	0.325	0.387	0.414	0.418	0.421		0.393	10.2
1,1-Biphenyl	1.318	1.378	1.499	1.420	1.446		1.412	4.8
2-Chloronaphthalene	1.029	1.139	1.232	1.159	1.178		1.147	6.5
2-Nitroaniline	0.250	0.277	0.344	0.346	0.366		0.317	15.8
Bis(2-Chloroethyl)ether		1.294	1.434	1.353	1.383	1.388	1.370	3.8
Dimethylphthalate	1.371	1.381	1.544	1.488	1.493		1.456	5.2
2,6-Dinitrotoluene	0.229	0.253	0.313	0.313	0.319		0.285	14.4
Acenaphthylene	1.715	1.828	2.053	1.978	2.033		1.921	7.6
3-Nitroaniline		0.254	0.342	0.328	0.304	0.328	0.311	11.2
Acenaphthene	1.169	1.233	1.377	1.296	1.336		1.282	6.4
2,4-Dinitrophenol		0.100	0.143	0.178	0.194	0.233	0.170	29.7
4-Nitrophenol		0.165	0.251	0.270	0.275	0.317	0.256	22.0
Dibenzofuran	1.629	1.681	1.853	1.777	1.832		1.754	5.5
2,4-Dinitrotoluene	0.331	0.374	0.466	0.474	0.489		0.427	16.4
Diethylphthalate	1.339	1.380	1.579	1.555	1.572		1.485	7.8
2-Chlorophenol	1.224	1.339	1.546	1.403	1.457		1.394	8.7

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.: BM040524 SAS No.: BM040524 SDG No.: BM040524

Instrument ID: Calibration Date(s): 4/5/2024 1:

Calibration Time(s): 19:08

LAB FILE ID: RRFAL1 = BM044955.D RRFAL2 = BM044956.D RRFAL3 = BM044957.D
RRFAL4 = BM044958.D RRFAL5 = BM044959.D RRFAL6 = BM044960.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.363	1.382	1.533	1.515	1.601		1.479	6.9
4-Chlorophenyl-phenylether	0.631	0.656	0.730	0.704	0.744		0.693	7.0
4-Nitroaniline		0.240	0.318	0.308	0.265	0.283	0.283	11.3
4,6-Dinitro-2-methylphenol		0.096	0.121	0.131	0.139	0.148	0.127	15.7
N-Nitrosodiphenylamine	0.480	0.519	0.568	0.546	0.585		0.540	7.7
1,2,4,5-Tetrachlorobenzene	0.511	0.536	0.585	0.548	0.555		0.547	5.0
4-Bromophenyl-phenylether	0.184	0.190	0.203	0.195	0.202		0.195	4.1
Hexachlorobenzene	0.243	0.246	0.266	0.253	0.260		0.253	3.7
Atrazine		0.173	0.210	0.198	0.203	0.207	0.198	7.4
Pentachlorophenol		0.114	0.154	0.156	0.167	0.179	0.154	16.0
2-Methylphenol		1.159	1.330	1.259	1.354	1.378	1.296	6.8
Phenanthrene	0.992	1.032	1.154	1.076	1.127		1.076	6.2
Pentachlorobenzene	0.247	0.268	0.283	0.266	0.277		0.268	5.1
Anthracene	0.998	1.035	1.181	1.117	1.174		1.101	7.4
1,2,3,4-Tetrachlorobenzene	0.233	0.249	0.266	0.249	0.263		0.252	5.2
Carbazole		0.946	1.121	1.059	1.062	1.119	1.062	6.7
Di-n-butylphthalate	0.987	1.036	1.311	1.300	1.351		1.197	14.3
Fluoranthene	1.073	1.101	1.172	1.190	1.271		1.162	6.7
Pyrene	1.162	1.209	1.272	1.267	1.358		1.253	5.9
Butylbenzylphthalate	0.435	0.449	0.555	0.573	0.615		0.525	15.1
3,3-Dichlorobenzidine		0.387	0.471	0.477	0.441	0.448	0.445	8.1
2,2-oxybis(1-Chloropropane)		1.586	1.735	1.580	1.648	1.624	1.634	3.8
Benzo(a)anthracene	1.243	1.279	1.454	1.386	1.423		1.357	6.8
Chrysene	1.187	1.214	1.329	1.292	1.304		1.265	4.8
Bis(2-ethylhexyl)phthalate	0.631	0.669	0.880	0.938	0.985		0.821	19.6
Di-n-octyl phthalate		0.927	1.198	1.268	1.372	1.527	1.258	17.7
Benzo(b)fluoranthene	1.034	1.093	1.208	1.241	1.252		1.166	8.3
Benzo(k)fluoranthene	1.078	1.079	1.242	1.189	1.278		1.173	7.8
Benzo(a)pyrene	1.007	1.049	1.209	1.177	1.230		1.134	8.8
Indeno(1,2,3-cd)pyrene	1.315	1.382	1.580	1.510	1.561		1.470	7.9
Dibenzo(a,h)anthracene	1.103	1.137	1.313	1.274	1.316		1.229	8.2
Benzo(g,h,i)perylene	1.065	1.101	1.243	1.175	1.212		1.159	6.4
Acetophenone		1.955	2.142	2.071	2.316	2.304	2.158	7.2
2,3,4,6-Tetrachlorophenol	0.273	0.316	0.361	0.365	0.368		0.336	12.3
1,4-Dioxane-d8	0.607	0.516	0.557	0.509	0.489		0.536	8.8
Pyridine-d5		1.242	1.459	1.455	1.524	1.603	1.456	9.2

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.: BM040524 SAS No.: BM040524 SDG No.: BM040524

Instrument ID: Calibration Date(s): 4/5/2024 1:

Calibration Time(s): 19:08

LAB FILE ID: RRFAL1 = BM044955.D RRFAL2 = BM044956.D RRFAL3 = BM044957.D
RRFAL4 = BM044958.D RRFAL5 = BM044959.D RRFAL6 = BM044960.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.510	1.742	1.661	1.765	1.799	1.696	6.8
Bis-(2-Chloroethyl)ether-d8		0.955	1.062	0.995	1.013	1.025	1.010	3.9
2-Chlorophenol-d4	1.150	1.247	1.463	1.363	1.419		1.328	9.7
4-Methylphenol-d8		1.160	1.351	1.306	1.414	1.404	1.327	7.7
Nitrobenzene-d5	0.137	0.137	0.171	0.158	0.166		0.154	10.4
2-Nitrophenol-d4	0.122	0.147	0.179	0.175	0.188		0.162	16.9
2,4-Dichlorophenol-d3	0.245	0.272	0.327	0.313	0.329		0.297	12.5
4-Chloroaniline-d4		0.406	0.481	0.476	0.493	0.511	0.473	8.4
4-Methylphenol		1.236	1.442	1.352	1.481	1.473	1.397	7.4
Dimethylphthalate-d6	1.263	1.322	1.487	1.454	1.436		1.393	6.9
Acenaphthylene-d8	1.448	1.558	1.757	1.704	1.759		1.645	8.4
4-Nitrophenol-d4		0.198	0.292	0.308	0.308	0.347	0.291	19.1
Fluorene-d10	1.142	1.185	1.325	1.264	1.292		1.241	6.1
4,6-Dinitro-2-methylphenol-		0.085	0.114	0.120	0.133	0.141	0.119	18.3
Anthracene-d10	0.795	0.848	0.972	0.926	0.959		0.900	8.4
Pyrene-d10	0.893	0.941	1.005	1.012	1.073		0.985	7.0
Benzo(a)pyrene-d12	0.876	0.910	1.033	1.011	1.048		0.976	7.9
N-Nitroso-di-n-propylamine	0.877	0.964	1.066	1.023	1.164		1.019	10.6

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.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020029 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM044957.D Time Analyzed: 12:10

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	57405	7.634	232757	10.41	146887	14.29
	UPPER LIMIT	114810	8.134	465514	10.91	293774	14.786
	LOWER LIMIT	28702.5	7.134	116378.5	9.91	73443.5	13.786
	EPA SAMPLE NO.						
01	SBLK236	49687	7.58	191638	10.35	111167	14.23
02	SBLK233	62210	7.58	237616	10.35	139563	14.23
03	SBLK113	47650	7.58	181534	10.35	101837	14.23
04	C0R55	93802	7.63	231496	10.35	137238	14.23
05	C0RH9DL	55718	7.58	176346	10.35	107006	14.23
06	C0RH9DL	41170	7.58	160037	10.35	93151	14.23
07	MC0R51DL	41751	7.58	152256	10.35	90067	14.23
08	C0RB9DL	47373	7.58	178145	10.35	99338	14.23
09	C0RB9DL	37009	7.58	137761	10.35	79895	14.23
10	E0MG3	48713	7.58	187441	10.35	104197	14.23
11	E0MG3MS	58851	7.58	233876	10.35	137105	14.22
12	E0MG3MSD	49275	7.58	192205	10.34	113757	14.22
13	E0MG4	60280	7.58	236715	10.34	131584	14.23
14	E0MG5	52346	7.58	204502	10.35	112030	14.23
15	E0MG6	62339	7.58	235104	10.34	130779	14.22
16	SLCS113	57271	7.58	239596	10.34	151102	14.22
17	SBLK307	40404	7.57	150114	10.34	81119	14.22
18	E07W9	40765	7.58	151493	10.35	83118	14.22
19	E07X0	44822	7.58	179317	10.34	103952	14.22
20	E07X1	39971	7.57	153857	10.34	91480	14.22
21	E07X2	39959	7.57	154838	10.34	87227	14.22
22	E07X3	42383	7.57	162742	10.34	96766	14.22
23	E07Y0	40296	7.58	158322	10.35	94931	14.22

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020029 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM044957.D Time Analyzed: 03:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	57405	7.634	232757	10.41	146887	14.29
	UPPER LIMIT	114810	8.134	465514	10.91	293774	14.786
	LOWER LIMIT	28702.5	7.134	116378.5	9.91	73443.5	13.786
	EPA SAMPLE NO.						
24	E07Y1	38998	7.58	156336	10.34	90090	14.22
25	E07Y2	42893	7.57	165342	10.34	94045	14.22
26	E07Y3	45415	7.57	176333	10.34	96696	14.22
27	E07Y4	37378	7.57	147637	10.34	87661	14.22
28	E07Y4MS	41839	7.57	178844	10.34	106636	14.22
29	E07Y4MSD	41451	7.57	159913	10.34	93269	14.22
30	E07Y5	41805	7.57	166721	10.34	95101	14.22
31	SLCS307	41552	7.57	162977	10.34	97405	14.22
32	SBLK316	43702	7.57	171719	10.34	100964	14.22

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.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020105 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045311.D Time Analyzed: 12:10

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	41696	7.575	168679	10.35	103134	14.23
	UPPER LIMIT	83392	8.075	337358	10.845	206268	14.727
	LOWER LIMIT	20848	7.075	84339.5	9.845	51567	13.727
	EPA SAMPLE NO.						
01	SBLK236	49687	7.58	191638	10.35	111167	14.23
02	SBLK233	62210	7.58	237616	10.35	139563	14.23
03	SBLK113	47650	7.58	181534	10.35	101837	14.23
04	C0R55	93802 *	7.63	231496	10.35	137238	14.23
05	C0RH9DL	55718	7.58	176346	10.35	107006	14.23
06	C0RH9DL	41170	7.58	160037	10.35	93151	14.23
07	MC0R51DL	41751	7.58	152256	10.35	90067	14.23
08	C0RB9DL	47373	7.58	178145	10.35	99338	14.23
09	C0RB9DL	37009	7.58	137761	10.35	79895	14.23
10	E0MG3	48713	7.58	187441	10.35	104197	14.23
11	E0MG3MS	58851	7.58	233876	10.35	137105	14.22
12	E0MG3MSD	49275	7.58	192205	10.34	113757	14.22
13	E0MG4	60280	7.58	236715	10.34	131584	14.23
14	E0MG5	52346	7.58	204502	10.35	112030	14.23
15	E0MG6	62339	7.58	235104	10.34	130779	14.22
16	SLCS113	57271	7.58	239596	10.34	151102	14.22

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020105 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045311.D Time Analyzed: 21:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	41696	7.575	168679	10.35	103134	14.23
UPPER LIMIT	83392	8.075	337358	10.845	206268	14.727
LOWER LIMIT	20848	7.075	84339.5	9.845	51567	13.727
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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020106 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045328.D Time Analyzed: 23:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	64220	7.569	265663	10.34	163863	14.22
	UPPER LIMIT	128440	8.069	531326	10.839	327726	14.721
	LOWER LIMIT	32110	7.069	132831.5	9.839	81931.5	13.721
	EPA SAMPLE NO.						
01	SBLK307	40404	7.57	150114	10.34	81119 *	14.22
02	E07W9	40765	7.58	151493	10.35	83118	14.22
03	E07X0	44822	7.58	179317	10.34	103952	14.22
04	E07X1	39971	7.57	153857	10.34	91480	14.22
05	E07X2	39959	7.57	154838	10.34	87227	14.22
06	E07X3	42383	7.57	162742	10.34	96766	14.22
07	E07Y0	40296	7.58	158322	10.35	94931	14.22
08	E07Y1	38998	7.58	156336	10.34	90090	14.22
09	E07Y2	42893	7.57	165342	10.34	94045	14.22
10	E07Y3	45415	7.57	176333	10.34	96696	14.22
11	E07Y4	37378	7.57	147637	10.34	87661	14.22
12	E07Y4MS	41839	7.57	178844	10.34	106636	14.22
13	E07Y4MSD	41451	7.57	159913	10.34	93269	14.22
14	E07Y5	41805	7.57	166721	10.34	95101	14.22
15	SLCS307	41552	7.57	162977	10.34	97405	14.22

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020107 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM045344.D Time Analyzed: 08:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	58615	7.569	232281	10.34	135551	14.22
	UPPER LIMIT	117230	8.069	464562	10.839	271102	14.721
	LOWER LIMIT	29307.5	7.069	116140.5	9.839	67775.5	13.721
	EPA SAMPLE NO.						
01	SBLK316	43702	7.57	171719	10.34	100964	14.22

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020029 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM044957.D Time Analyzed: 12:10

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	325953	17.045	398198	21.25	519296	23.48
	UPPER LIMIT	651906	17.545	796396	21.75	1038592	23.98
	LOWER LIMIT	162976.5	16.545	199099	20.75	259648	22.98
	EPA SAMPLE NO.						
01	SBLK236	215048	16.99	189248 *	21.20	254700 *	23.40
02	SBLK233	274976	16.99	251078	21.20	351505	23.40
03	SBLK113	194690	16.99	175731 *	21.20	246918 *	23.40
04	C0R55	268391	16.99	272300	21.20	354475	23.40
05	C0RH9DL	217670	16.99	228874	21.20	298867	23.40
06	C0RH9DL	169401	16.99	158880 *	21.20	215641 *	23.40
07	MC0R51DL	186941	16.99	189752 *	21.20	253476 *	23.40
08	C0RB9DL	180542	16.99	151341 *	21.20	209252 *	23.40
09	C0RB9DL	144903 *	16.99	136662 *	21.20	187260 *	23.40
10	E0MG3	200483	16.99	197898 *	21.20	287141	23.40
11	E0MG3MS	270733	16.99	271182	21.20	355779	23.40
12	E0MG3MSD	228791	16.99	223216	21.20	297664	23.40
13	E0MG4	242818	16.99	223422	21.20	325857	23.40
14	E0MG5	213186	16.99	199487	21.20	288802	23.40
15	E0MG6	254119	16.99	243172	21.20	344726	23.40
16	SLCS113	300118	16.99	294964	21.20	389834	23.40
17	SBLK307	153824 *	16.99	146267 *	21.20	206423 *	23.40
18	E07W9	167367	16.99	182443 *	21.20	266483	23.39
19	E07X0	205097	16.99	206227	21.20	278469	23.39
20	E07X1	180421	16.99	185520 *	21.20	245861 *	23.40
21	E07X2	173055	16.99	178503 *	21.20	235074 *	23.39

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020029 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM044957.D Time Analyzed: 02:11

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	325953	17.045	398198		21.25	519296		23.48
	UPPER LIMIT	651906	17.545	796396		21.75	1038592		23.98
	LOWER LIMIT	162976.5	16.545	199099		20.75	259648		22.98
	EPA SAMPLE NO.								
22	E07X3	189966	16.99	185525	*	21.20	252139	*	23.39
23	E07Y0	182827	16.99	177767	*	21.20	251972	*	23.39
24	E07Y1	177027	16.99	172583	*	21.20	238543	*	23.39
25	E07Y2	177190	16.99	163801	*	21.20	233955	*	23.39
26	E07Y3	177708	16.99	167833	*	21.20	239424	*	23.39
27	E07Y4	179268	16.98	169402	*	21.20	234302	*	23.39
28	E07Y4MS	211604	16.99	206695		21.20	279675		23.39
29	E07Y4MSD	189791	16.99	186382	*	21.20	253427	*	23.39
30	E07Y5	173483	16.98	154983	*	21.20	227205	*	23.39
31	SLCS307	190239	16.99	185565	*	21.20	245884	*	23.39
32	SBLK316	205214	16.98	186250	*	21.20	266000		23.39

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020105 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045311.D Time Analyzed: 12:10

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	197466	16.986	193295	21.203	251196	23.403
	UPPER LIMIT	394932	17.486	386590	21.703	502392	23.903
	LOWER LIMIT	98733	16.486	96647.5	20.703	125598	22.903
	EPA SAMPLE NO.						
01	SBLK236	215048	16.99	189248	21.20	254700	23.40
02	SBLK233	274976	16.99	251078	21.20	351505	23.40
03	SBLK113	194690	16.99	175731	21.20	246918	23.40
04	C0R55	268391	16.99	272300	21.20	354475	23.40
05	C0RH9DL	217670	16.99	228874	21.20	298867	23.40
06	C0RH9DL	169401	16.99	158880	21.20	215641	23.40
07	MC0R51DL	186941	16.99	189752	21.20	253476	23.40
08	C0RB9DL	180542	16.99	151341	21.20	209252	23.40
09	C0RB9DL	144903	16.99	136662	21.20	187260	23.40
10	E0MG3	200483	16.99	197898	21.20	287141	23.40
11	E0MG3MS	270733	16.99	271182	21.20	355779	23.40
12	E0MG3MSD	228791	16.99	223216	21.20	297664	23.40
13	E0MG4	242818	16.99	223422	21.20	325857	23.40
14	E0MG5	213186	16.99	199487	21.20	288802	23.40
15	E0MG6	254119	16.99	243172	21.20	344726	23.40
16	SLCS113	300118	16.99	294964	21.20	389834	23.40

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020105 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045311.D Time Analyzed: 21:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	197466	16.986	193295	21.203	251196	23.403
UPPER LIMIT	394932	17.486	386590	21.703	502392	23.903
LOWER LIMIT	98733	16.486	96647.5	20.703	125598	22.903
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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020106 Date Analyzed: Apr 17 2024 12:00AM

Lab File ID: BM045328.D Time Analyzed: 23:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	312052	16.986	238717	21.197	286107	23.397
	UPPER LIMIT	624104	17.486	477434	21.697	572214	23.897
	LOWER LIMIT	156026	16.486	119358.5	20.697	143053.5	22.897
	EPA SAMPLE NO.						
01	SBLK307	153824 *	16.99	146267	21.20	206423	23.40
02	E07W9	167367	16.99	182443	21.20	266483	23.39
03	E07X0	205097	16.99	206227	21.20	278469	23.39
04	E07X1	180421	16.99	185520	21.20	245861	23.40
05	E07X2	173055	16.99	178503	21.20	235074	23.39
06	E07X3	189966	16.99	185525	21.20	252139	23.39
07	E07Y0	182827	16.99	177767	21.20	251972	23.39
08	E07Y1	177027	16.99	172583	21.20	238543	23.39
09	E07Y2	177190	16.99	163801	21.20	233955	23.39
10	E07Y3	177708	16.99	167833	21.20	239424	23.39
11	E07Y4	179268	16.98	169402	21.20	234302	23.39
12	E07Y4MS	211604	16.99	206695	21.20	279675	23.39
13	E07Y4MSD	189791	16.99	186382	21.20	253427	23.39
14	E07Y5	173483	16.98	154983	21.20	227205	23.39
15	SLCS307	190239	16.99	185565	21.20	245884	23.39

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020106 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM045328.D Time Analyzed: 07:37

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	312052	16.986	238717	21.197	286107	23.397
UPPER LIMIT	624104	17.486	477434	21.697	572214	23.897
LOWER LIMIT	156026	16.486	119358.5	20.697	143053.5	22.897
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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

EPA Sample No.: SSTD020107 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM045344.D Time Analyzed: 08:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	266212	16.98	260495	21.197	354541	23.391
	UPPER LIMIT	532424	17.48	520990	21.697	709082	23.891
	LOWER LIMIT	133106	16.48	130247.5	20.697	177270.5	22.891
	EPA SAMPLE NO.						
01	SBLK316	205214	16.98	186250	21.20	266000	23.39

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.: BM041724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160113BS	1,4-Dioxane	16	8.5	ug/L	53				0	0	
	Benzaldehyde	40	34	ug/L	85				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	26	ug/L	65				0	0	
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				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	27	ug/L	68				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	25	ug/L	63				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	25	ug/L	63				0	0	
	4-Nitroaniline	40	30	ug/L	75				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160113BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	28	ug/L	70				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	29	ug/L	73				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	31	ug/L	78				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	34	ug/L	85				0	0	
	3,3'-Dichlorobenzidine	40	28	ug/L	70				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	29	ug/L	73				0	0	
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0	
	Di-n-octylphthalate	40	29	ug/L	73				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0	
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0	
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160307BS	1,4-Dioxane	530	350	ug/Kg	66				0	0	
	Benzaldehyde	1300	1300	ug/Kg	100				0	0	
	Pyridine	1300	970	ug/Kg	75				0	0	
	Phenol	1300	1000	ug/Kg	77				0	0	
	Bis(2-chloroethyl)ether	1300	1000	ug/Kg	77				0	0	
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0	
	2-Methylphenol	1300	980	ug/Kg	75				0	0	
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0	
	Acetophenone	1300	1000	ug/Kg	77				0	0	
	4-Methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0	
	Hexachloroethane	1300	1200	ug/Kg	92				0	0	
	Nitrobenzene	1300	1200	ug/Kg	92				0	0	
	Isophorone	1300	1100	ug/Kg	85				0	0	
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0	
	2,4-Dimethylphenol	1300	1100	ug/Kg	85				0	0	
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	1100	ug/Kg	85				0	0	
	4-Chloroaniline	1300	880	ug/Kg	68				0	0	
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0	
	Caprolactam	1300	980	ug/Kg	75				0	0	
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0	
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0	
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0	
	Hexachlorocyclopentadiene	1300	1100	ug/Kg	85				0	0	
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0	
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0	
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0	
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0	
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1100	ug/Kg	85				0	0	
	3-Nitroaniline	1300	980	ug/Kg	75				0	0	
	Acenaphthene	1300	1100	ug/Kg	85				0	0	
	2,4-Dinitrophenol	1300	910	ug/Kg	70				0	0	
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	Dibenzofuran	1300	1100	ug/Kg	85				0	0	
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Diethylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluorene	1300	1000	ug/Kg	77				0	0	
	4-Chlorophenyl-phenylether	1300	990	ug/Kg	76				0	0	
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160307BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0	
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	1200	ug/Kg	92				0	0	
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Carbazole	1300	1100	ug/Kg	85				0	0	
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0	
	Fluoranthene	1300	1200	ug/Kg	92				0	0	
	Pyrene	1300	1300	ug/Kg	100				0	0	
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0	
	Chrysene	1300	1200	ug/Kg	92				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0	
	Di-n-octylphthalate	1300	1200	ug/Kg	92				0	0	
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1200	ug/Kg	92				0	0	
	Dibenzo(a,h)anthracene	1300	1200	ug/Kg	92				0	0	
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK113

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045314.D Lab Sample ID: PB160113BL

Instrument ID: BNA_M Date Extracted: 04/08/2024

Matrix: (soil/water) Water Date Analyzed: 04/17/2024

Level: (low/med) LOW Time Analyzed: 13:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160113BS	PB160113BS	BM045327.D	04/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK233

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045313.D Lab Sample ID: PB160233BL

Instrument ID: BNA_M Date Extracted: 04/13/2024

Matrix: (soil/water) Water Date Analyzed: 04/17/2024

Level: (low/med) LOW Time Analyzed: 12:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0MG3	P2032-17	BM045321.D	04/17/2024
E0MG3MS	P2032-18MS	BM045322.D	04/17/2024
E0MG3MSD	P2032-19MSD	BM045323.D	04/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK236

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045312.D Lab Sample ID: PB160236BL

Instrument ID: BNA_M Date Extracted: 04/14/2024

Matrix: (soil/water) Water Date Analyzed: 04/17/2024

Level: (low/med) LOW Time Analyzed: 12:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0MG4	P2032-20	BM045324.D	04/17/2024
E0MG5	P2032-21	BM045325.D	04/17/2024
E0MG6	P2032-22	BM045326.D	04/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0R55

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045315.D Lab Sample ID: P2099-01

Instrument ID: BNA_M Date Extracted: 04/14/2024

Matrix: (soil/water) Water Date Analyzed: 04/17/2024

Level: (low/med) LOW Time Analyzed: 14:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0R55	P2099-01	BM045315.D	04/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK307

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045329.D Lab Sample ID: PB160307BL

Instrument ID: BNA_M Date Extracted: 04/16/2024

Matrix: (soil/water) Solid Date Analyzed: 04/17/2024

Level: (low/med) LOW Time Analyzed: 23:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E07W9	P2145-01	BM045330.D	04/17/2024
E07X0	P2145-02	BM045331.D	04/18/2024
E07X1	P2145-03	BM045332.D	04/18/2024
E07X2	P2145-04	BM045333.D	04/18/2024
E07X3	P2145-05	BM045334.D	04/18/2024
E07Y0	P2145-06	BM045335.D	04/18/2024
E07Y1	P2145-07	BM045336.D	04/18/2024
E07Y2	P2145-08	BM045337.D	04/18/2024
E07Y3	P2145-09	BM045338.D	04/18/2024
E07Y4	P2145-10	BM045339.D	04/18/2024
E07Y4MS	P2145-11MS	BM045340.D	04/18/2024
E07Y4MSD	P2145-12MSD	BM045341.D	04/18/2024
E07Y5	P2145-13	BM045342.D	04/18/2024
PB160307BS	PB160307BS	BM045343.D	04/18/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK316

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM041724 SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045345.D Lab Sample ID: PB160316BL

Instrument ID: BNA_M Date Extracted: 04/16/2024

Matrix: (soil/water) Water Date Analyzed: 04/18/2024

Level: (low/med) LOW Time Analyzed: 08:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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: P2145-11MS		**Client Sample ID: E07Y4MS**						**DataFile:**	**BM045340.D**		
1,4-Dioxane	570		410	ug/Kg	72				15	120	
Benzaldehyde	1400		1700	ug/Kg	121				0	0	
Pyridine	1400		1200	ug/Kg	86				0	0	
Phenol	1400		1300	ug/Kg	93	*			26	90	
Bis(2-chloroethyl)ether	1400		1300	ug/Kg	93				0	0	
2-Chlorophenol	1400		1400	ug/Kg	100				25	102	
2-Methylphenol	1400		1300	ug/Kg	93				0	0	
2,2-oxybis(1-Chloropropane)	1400		1300	ug/Kg	93				0	0	
Acetophenone	1400		1300	ug/Kg	93				0	0	
4-Methylphenol	1400		1400	ug/Kg	100				0	0	
N-Nitroso-di-n-propylamine	1400		1400	ug/Kg	100				41	126	
Hexachloroethane	1400		1500	ug/Kg	107				0	0	
Nitrobenzene	1400		1400	ug/Kg	100				0	0	
Isophorone	1400		1400	ug/Kg	100				0	0	
2-Nitrophenol	1400		1400	ug/Kg	100				0	0	
2,4-Dimethylphenol	1400		1400	ug/Kg	100				0	0	
Bis(2-chloroethoxy)methane	1400		1400	ug/Kg	100				0	0	
2,4-Dichlorophenol	1400		1400	ug/Kg	100				0	0	
Naphthalene	1400		1300	ug/Kg	93				0	0	
4-Chloroaniline	1400		1100	ug/Kg	79				0	0	
Hexachlorobutadiene	1400		1300	ug/Kg	93				0	0	
Caprolactam	1400		1200	ug/Kg	86				0	0	
4-Chloro-3-methylphenol	1400		1400	ug/Kg	100				26	103	
1-Methylnaphthalene	1400		1400	ug/Kg	100				0	0	
2-Methylnaphthalene	1400		1300	ug/Kg	93				0	0	
Hexachlorocyclopentadiene	1400		1300	ug/Kg	93				0	0	
2,4,6-Trichlorophenol	1400		1500	ug/Kg	107				0	0	
2,4,5-Trichlorophenol	1400		1400	ug/Kg	100				0	0	
1,1'-Biphenyl	1400		1400	ug/Kg	100				0	0	
2-Chloronaphthalene	1400		1400	ug/Kg	100				0	0	
2-Nitroaniline	1400		1500	ug/Kg	107				0	0	
Dimethylphthalate	1400		1300	ug/Kg	93				0	0	
2,6-Dinitrotoluene	1400		1400	ug/Kg	100				0	0	
Acenaphthylene	1400		1300	ug/Kg	93				0	0	
3-Nitroaniline	1400		1300	ug/Kg	93				0	0	
Acenaphthene	1400		1300	ug/Kg	93				31	137	
2,4-Dinitrophenol	1400		1100	ug/Kg	79				0	0	
4-Nitrophenol	1400		1300	ug/Kg	93				11	114	
Dibenzofuran	1400		1300	ug/Kg	93				0	0	
2,4-Dinitrotoluene	1400		1300	ug/Kg	93	*			28	89	
Diethylphthalate	1400		1300	ug/Kg	93				0	0	
Fluorene	1400		1300	ug/Kg	93				0	0	
4-Chlorophenyl-phenylether	1400		1200	ug/Kg	86				0	0	
4-Nitroaniline	1400		1400	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1400		1200	ug/Kg	86				0	0	
N-Nitrosodiphenylamine	1400		1500	ug/Kg	107				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		1400	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	1400		1400	ug/Kg	100				0	0	
Hexachlorobenzene	1400		1300	ug/Kg	93				0	0	
Atrazine	1400		1400	ug/Kg	100				0	0	
Pentachlorophenol	1400		1300	ug/Kg	93				17	109	
Phenanthrene	1400		1400	ug/Kg	100				0	0	
Pentachlorobenzene	1400		1400	ug/Kg	100				0	0	
Anthracene	1400		1300	ug/Kg	93				0	0	
1,2,3,4-Tetrachlorobenzene	1400		1500	ug/Kg	107				0	0	
Carbazole	1400		1300	ug/Kg	93				0	0	
Di-n-butylphthalate	1400		1500	ug/Kg	107				0	0	
Fluoranthene	1400		1500	ug/Kg	107				0	0	
Pyrene	1400		1500	ug/Kg	107				35	142	
Butylbenzylphthalate	1400		1700	ug/Kg	121				0	0	
3,3'-Dichlorobenzidine	1400		1400	ug/Kg	100				0	0	
Benzo(a)anthracene	1400		1400	ug/Kg	100				0	0	
Chrysene	1400		1400	ug/Kg	100				0	0	
Bis(2-ethylhexyl)phthalate	1400		1700	ug/Kg	121				0	0	
Di-n-octylphthalate	1400		1400	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1400		1400	ug/Kg	100				0	0	
Benzo(k)fluoranthene	1400		1300	ug/Kg	93				0	0	
Benzo(a)pyrene	1400		1200	ug/Kg	86				0	0	
Indeno(1,2,3-cd)pyrene	1400		1500	ug/Kg	107				0	0	
Dibenzo(a,h)anthracene	1400		1400	ug/Kg	100				0	0	
Benzo(g,h,i)perylene	1400		1500	ug/Kg	107				0	0	
2,3,4,6-Tetrachlorophenol	1400		1300	ug/Kg	93				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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: P2145-12MSD		**Client Sample ID: E07Y4MSD**						**DataFile:**	**BM045341.D**		
1,4-Dioxane	570		470	ug/Kg	82		13		15	120	50
Benzaldehyde	1400		1800	ug/Kg	129		6	*	0	0	0
Pyridine	1400		1300	ug/Kg	93		8	*	0	0	0
Phenol	1400		1400	ug/Kg	100	*	7		26	90	35
Bis(2-chloroethyl)ether	1400		1400	ug/Kg	100		7	*	0	0	0
2-Chlorophenol	1400		1500	ug/Kg	107	*	7		25	102	50
2-Methylphenol	1400		1400	ug/Kg	100		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1400		1400	ug/Kg	100		7	*	0	0	0
Acetophenone	1400		1300	ug/Kg	93		0		0	0	0
4-Methylphenol	1400		1400	ug/Kg	100		0		0	0	0
N-Nitroso-di-n-propylamine	1400		1400	ug/Kg	100		0		41	126	38
Hexachloroethane	1400		1500	ug/Kg	107		0		0	0	0
Nitrobenzene	1400		1600	ug/Kg	114		13	*	0	0	0
Isophorone	1400		1500	ug/Kg	107		7	*	0	0	0
2-Nitrophenol	1400		1600	ug/Kg	114		13	*	0	0	0
2,4-Dimethylphenol	1400		1600	ug/Kg	114		13	*	0	0	0
Bis(2-chloroethoxy)methane	1400		1500	ug/Kg	107		7	*	0	0	0
2,4-Dichlorophenol	1400		1500	ug/Kg	107		7	*	0	0	0
Naphthalene	1400		1500	ug/Kg	107		14	*	0	0	0
4-Chloroaniline	1400		1200	ug/Kg	86		8	*	0	0	0
Hexachlorobutadiene	1400		1500	ug/Kg	107		14	*	0	0	0
Caprolactam	1400		1400	ug/Kg	100		15	*	0	0	0
4-Chloro-3-methylphenol	1400		1500	ug/Kg	107	*	7		26	103	33
1-Methylnaphthalene	1400		1500	ug/Kg	107		7	*	0	0	0
2-Methylnaphthalene	1400		1500	ug/Kg	107		14	*	0	0	0
Hexachlorocyclopentadiene	1400		1500	ug/Kg	107		14	*	0	0	0
2,4,6-Trichlorophenol	1400		1700	ug/Kg	121		12	*	0	0	0
2,4,5-Trichlorophenol	1400		1600	ug/Kg	114		13	*	0	0	0
1,1'-Biphenyl	1400		1600	ug/Kg	114		13	*	0	0	0
2-Chloronaphthalene	1400		1500	ug/Kg	107		7	*	0	0	0
2-Nitroaniline	1400		1700	ug/Kg	121		12	*	0	0	0
Dimethylphthalate	1400		1500	ug/Kg	107		14	*	0	0	0
2,6-Dinitrotoluene	1400		1600	ug/Kg	114		13	*	0	0	0
Acenaphthylene	1400		1500	ug/Kg	107		14	*	0	0	0
3-Nitroaniline	1400		1400	ug/Kg	100		7	*	0	0	0
Acenaphthene	1400		1500	ug/Kg	107		14		31	137	19
2,4-Dinitrophenol	1400		1300	ug/Kg	93		16	*	0	0	0
4-Nitrophenol	1400		1500	ug/Kg	107		14		11	114	50
Dibenzofuran	1400		1500	ug/Kg	107		14	*	0	0	0
2,4-Dinitrotoluene	1400		1500	ug/Kg	107	*	14		28	89	47
Diethylphthalate	1400		1500	ug/Kg	107		14	*	0	0	0
Fluorene	1400		1400	ug/Kg	100		7	*	0	0	0
4-Chlorophenyl-phenylether	1400		1400	ug/Kg	100		15	*	0	0	0
4-Nitroaniline	1400		1600	ug/Kg	114		13	*	0	0	0
4,6-Dinitro-2-methylphenol	1400		1400	ug/Kg	100		15	*	0	0	0
N-Nitrosodiphenylamine	1400		1600	ug/Kg	114		6	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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	1400		1600	ug/Kg	114		13	*	0	0	0
4-Bromophenyl-phenylether	1400		1600	ug/Kg	114		13	*	0	0	0
Hexachlorobenzene	1400		1500	ug/Kg	107		14	*	0	0	0
Atrazine	1400		1500	ug/Kg	107		7	*	0	0	0
Pentachlorophenol	1400		1400	ug/Kg	100		7		17	109	47
Phenanthrene	1400		1500	ug/Kg	107		7	*	0	0	0
Pentachlorobenzene	1400		1500	ug/Kg	107		7	*	0	0	0
Anthracene	1400		1500	ug/Kg	107		14	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1400		1600	ug/Kg	114		6	*	0	0	0
Carbazole	1400		1400	ug/Kg	100		7	*	0	0	0
Di-n-butylphthalate	1400		1700	ug/Kg	121		12	*	0	0	0
Fluoranthene	1400		1700	ug/Kg	121		12	*	0	0	0
Pyrene	1400		1600	ug/Kg	114		6		35	142	36
Butylbenzylphthalate	1400		1800	ug/Kg	129		6	*	0	0	0
3,3'-Dichlorobenzidine	1400		1500	ug/Kg	107		7	*	0	0	0
Benzo(a)anthracene	1400		1500	ug/Kg	107		7	*	0	0	0
Chrysene	1400		1500	ug/Kg	107		7	*	0	0	0
Bis(2-ethylhexyl)phthalate	1400		1800	ug/Kg	129		6	*	0	0	0
Di-n-octylphthalate	1400		1500	ug/Kg	107		7	*	0	0	0
Benzo(b)fluoranthene	1400		1500	ug/Kg	107		7	*	0	0	0
Benzo(k)fluoranthene	1400		1400	ug/Kg	100		7	*	0	0	0
Benzo(a)pyrene	1400		1300	ug/Kg	93		8	*	0	0	0
Indeno(1,2,3-cd)pyrene	1400		1600	ug/Kg	114		6	*	0	0	0
Dibenzo(a,h)anthracene	1400		1600	ug/Kg	114		13	*	0	0	0
Benzo(g,h,i)perylene	1400		1600	ug/Kg	114		6	*	0	0	0
2,3,4,6-Tetrachlorophenol	1400		1500	ug/Kg	107		14	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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: P2032-18MS		**Client Sample ID:**	**E0MG3MS**					**DataFile:**	**BM045322.D**		
1,4-Dioxane	16		3.3	ug/L	21				15	120	
Benzaldehyde	40		32	ug/L	80				0	0	
Pyridine	40		7.3	ug/L	18				0	0	
Phenol	40		5.4	ug/L	14				12	110	
Bis(2-chloroethyl)ether	40		25	ug/L	63				0	0	
2-Chlorophenol	40		19	ug/L	48				27	123	
2-Methylphenol	40		14	ug/L	35				0	0	
2,2-oxybis(1-Chloropropane)	40		24	ug/L	60				0	0	
Acetophenone	40		24	ug/L	60				0	0	
4-Methylphenol	40		12	ug/L	30				0	0	
N-Nitroso-di-n-propylamine	40		25	ug/L	63				41	116	
Hexachloroethane	40		26	ug/L	65				0	0	
Nitrobenzene	40		27	ug/L	68				0	0	
Isophorone	40		26	ug/L	65				0	0	
2-Nitrophenol	40		26	ug/L	65				0	0	
2,4-Dimethylphenol	40		17	ug/L	43				0	0	
Bis(2-chloroethoxy)methane	40		26	ug/L	65				0	0	
2,4-Dichlorophenol	40		24	ug/L	60				0	0	
Naphthalene	40		25	ug/L	63				0	0	
4-Chloroaniline	40		20	ug/L	50				0	0	
Hexachlorobutadiene	40		26	ug/L	65				0	0	
Caprolactam	40		0	ug/L	0				0	0	
4-Chloro-3-methylphenol	40		21	ug/L	52				23	97	
1-Methylnaphthalene	40		26	ug/L	65				0	0	
2-Methylnaphthalene	40		26	ug/L	65				0	0	
Hexachlorocyclopentadiene	40		21	ug/L	52				0	0	
2,4,6-Trichlorophenol	40		28	ug/L	70				0	0	
2,4,5-Trichlorophenol	40		28	ug/L	70				0	0	
1,1'-Biphenyl	40		28	ug/L	70				0	0	
2-Chloronaphthalene	40		27	ug/L	68				0	0	
2-Nitroaniline	40		30	ug/L	75				0	0	
Dimethylphthalate	40		28	ug/L	70				0	0	
2,6-Dinitrotoluene	40		28	ug/L	70				0	0	
Acenaphthylene	40		27	ug/L	68				0	0	
3-Nitroaniline	40		25	ug/L	63				0	0	
Acenaphthene	40		27	ug/L	68				46	118	
2,4-Dinitrophenol	40		23	ug/L	58				0	0	
4-Nitrophenol	40		4.7	ug/L	12				10	80	
Dibenzofuran	40		27	ug/L	68				0	0	
2,4-Dinitrotoluene	40		28	ug/L	70				24	96	
Diethylphthalate	40		29	ug/L	73				0	0	
Fluorene	40		26	ug/L	65				0	0	
4-Chlorophenyl-phenylether	40		26	ug/L	65				0	0	
4-Nitroaniline	40		27	ug/L	68				0	0	
4,6-Dinitro-2-methylphenol	40		26	ug/L	65				0	0	
N-Nitrosodiphenylamine	40		32	ug/L	80				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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		28	ug/L	70				0	0	
4-Bromophenyl-phenylether	40		30	ug/L	75				0	0	
Hexachlorobenzene	40		29	ug/L	73				0	0	
Atrazine	40		29	ug/L	73				0	0	
Pentachlorophenol	40		27	ug/L	68				9	103	
Phenanthrene	40		30	ug/L	75				0	0	
Pentachlorobenzene	40		30	ug/L	75				0	0	
Anthracene	40		29	ug/L	73				0	0	
1,2,3,4-Tetrachlorobenzene	40		30	ug/L	75				0	0	
Carbazole	40		29	ug/L	73				0	0	
Di-n-butylphthalate	40		34	ug/L	85				0	0	
Fluoranthene	40		32	ug/L	80				0	0	
Pyrene	40		32	ug/L	80				26	127	
Butylbenzylphthalate	40		36	ug/L	90				0	0	
3,3'-Dichlorobenzidine	40		23	ug/L	58				0	0	
Benzo(a)anthracene	40		29	ug/L	73				0	0	
Chrysene	40		30	ug/L	75				0	0	
Bis(2-ethylhexyl)phthalate	40		35	ug/L	88				0	0	
Di-n-octylphthalate	40		30	ug/L	75				0	0	
Benzo(b)fluoranthene	40		30	ug/L	75				0	0	
Benzo(k)fluoranthene	40		29	ug/L	73				0	0	
Benzo(a)pyrene	40		26	ug/L	65				0	0	
Indeno(1,2,3-cd)pyrene	40		32	ug/L	80				0	0	
Dibenzo(a,h)anthracene	40		32	ug/L	80				0	0	
Benzo(g,h,i)perylene	40		32	ug/L	80				0	0	
2,3,4,6-Tetrachlorophenol	40		27	ug/L	68				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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: P2032-19MSD		**Client Sample ID:**	E0MG3MSD					**DataFile:**	BM045323.D		
1,4-Dioxane	16		3.4	ug/L	21		0		15	120	50
Benzaldehyde	40		38	ug/L	95		17	*	0	0	0
Pyridine	40		3.7	ug/L	9		67	*	0	0	0
Phenol	40		6.2	ug/L	16		13		12	110	42
Bis(2-chloroethyl)ether	40		28	ug/L	70		11	*	0	0	0
2-Chlorophenol	40		22	ug/L	55		14		27	123	40
2-Methylphenol	40		16	ug/L	40		13	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		28	ug/L	70		15	*	0	0	0
Acetophenone	40		27	ug/L	68		13	*	0	0	0
4-Methylphenol	40		14	ug/L	35		15	*	0	0	0
N-Nitroso-di-n-propylamine	40		28	ug/L	70		11		41	116	38
Hexachloroethane	40		29	ug/L	73		12	*	0	0	0
Nitrobenzene	40		32	ug/L	80		16	*	0	0	0
Isophorone	40		30	ug/L	75		14	*	0	0	0
2-Nitrophenol	40		29	ug/L	73		12	*	0	0	0
2,4-Dimethylphenol	40		19	ug/L	48		11	*	0	0	0
Bis(2-chloroethoxy)methane	40		30	ug/L	75		14	*	0	0	0
2,4-Dichlorophenol	40		29	ug/L	73		20	*	0	0	0
Naphthalene	40		30	ug/L	75		17	*	0	0	0
4-Chloroaniline	40		18	ug/L	45		11	*	0	0	0
Hexachlorobutadiene	40		30	ug/L	75		14	*	0	0	0
Caprolactam	40		0	ug/L	0				0	0	0
4-Chloro-3-methylphenol	40		24	ug/L	60		14		23	97	42
1-Methylnaphthalene	40		30	ug/L	75		14	*	0	0	0
2-Methylnaphthalene	40		31	ug/L	78		18	*	0	0	0
Hexachlorocyclopentadiene	40		23	ug/L	58		11	*	0	0	0
2,4,6-Trichlorophenol	40		31	ug/L	78		11	*	0	0	0
2,4,5-Trichlorophenol	40		31	ug/L	78		11	*	0	0	0
1,1'-Biphenyl	40		32	ug/L	80		13	*	0	0	0
2-Chloronaphthalene	40		31	ug/L	78		14	*	0	0	0
2-Nitroaniline	40		34	ug/L	85		13	*	0	0	0
Dimethylphthalate	40		32	ug/L	80		13	*	0	0	0
2,6-Dinitrotoluene	40		33	ug/L	83		17	*	0	0	0
Acenaphthylene	40		31	ug/L	78		14	*	0	0	0
3-Nitroaniline	40		28	ug/L	70		11	*	0	0	0
Acenaphthene	40		30	ug/L	75		10		46	118	31
2,4-Dinitrophenol	40		27	ug/L	68		16	*	0	0	0
4-Nitrophenol	40		5.7	ug/L	14		15		10	80	50
Dibenzofuran	40		30	ug/L	75		10	*	0	0	0
2,4-Dinitrotoluene	40		31	ug/L	78		11		24	96	38
Diethylphthalate	40		33	ug/L	83		13	*	0	0	0
Fluorene	40		30	ug/L	75		14	*	0	0	0
4-Chlorophenyl-phenylether	40		29	ug/L	73		12	*	0	0	0
4-Nitroaniline	40		32	ug/L	80		16	*	0	0	0
4,6-Dinitro-2-methylphenol	40		30	ug/L	75		14	*	0	0	0
N-Nitrosodiphenylamine	40		35	ug/L	88		10	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041724

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		33	ug/L	83		17	*	0	0	0
4-Bromophenyl-phenylether	40		33	ug/L	83		10	*	0	0	0
Hexachlorobenzene	40		33	ug/L	83		13	*	0	0	0
Atrazine	40		29	ug/L	73		0		0	0	0
Pentachlorophenol	40		30	ug/L	75		10		9	103	50
Phenanthrene	40		33	ug/L	83		10	*	0	0	0
Pentachlorobenzene	40		33	ug/L	83		10	*	0	0	0
Anthracene	40		32	ug/L	80		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		34	ug/L	85		13	*	0	0	0
Carbazole	40		32	ug/L	80		9	*	0	0	0
Di-n-butylphthalate	40		37	ug/L	93		9	*	0	0	0
Fluoranthene	40		37	ug/L	93		15	*	0	0	0
Pyrene	40		37	ug/L	93		15		26	127	31
Butylbenzylphthalate	40		40	ug/L	100		11	*	0	0	0
3,3'-Dichlorobenzidine	40		30	ug/L	75		26	*	0	0	0
Benzo(a)anthracene	40		33	ug/L	83		13	*	0	0	0
Chrysene	40		34	ug/L	85		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		39	ug/L	98		11	*	0	0	0
Di-n-octylphthalate	40		34	ug/L	85		13	*	0	0	0
Benzo(b)fluoranthene	40		33	ug/L	83		10	*	0	0	0
Benzo(k)fluoranthene	40		33	ug/L	83		13	*	0	0	0
Benzo(a)pyrene	40		30	ug/L	75		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		36	ug/L	90		12	*	0	0	0
Dibenzo(a,h)anthracene	40		35	ug/L	88		10	*	0	0	0
Benzo(g,h,i)perylene	40		36	ug/L	90		12	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		30	ug/L	75		10	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160113BL	PB160113BL	BM045314.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Pyridine-d5	40	25.17	63		20	120
			Phenol-d5	40	26.16	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.79	74		25	120
			2-Chlorophenol-d4	40	29.23	73		20	130
			4-Methylphenol-d8	40	25.82	65		25	125
			Nitrobenzene-d5	40	29.56	74		20	125
			2-Nitrophenol-d4	40	28.44	71		20	130
			2,4-Dichlorophenol-d3	40	24.22	61		20	120
			4-Chloroaniline-d4	40	25.38	63		1	146
			Dimethylphthalate-d6	40	30.25	76		25	130
			Acenaphthylene-d8	40	30.49	76		10	130
			4-Nitrophenol-d4	40	17.25	43		10	150
			Fluorene-d10	40	29.96	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.66	47		10	130
			Anthracene-d10	40	31.77	79		25	130
			Pyrene-d10	40	35.65	89		15	130
			Benzo(a)pyrene-d12	40	31.97	80		20	130
PB160113BS	PB160113BS	BM045327.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	22.82	57		20	120
			Phenol-d5	40	25.65	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.11	68		25	120
			2-Chlorophenol-d4	40	28.33	71		20	130
			4-Methylphenol-d8	40	26.41	66		25	125
			Nitrobenzene-d5	40	27.94	70		20	125
			2-Nitrophenol-d4	40	28.78	72		20	130
			2,4-Dichlorophenol-d3	40	28.73	72		20	120
			4-Chloroaniline-d4	40	24.57	61		1	146
			Dimethylphthalate-d6	40	28.70	72		25	130
			Acenaphthylene-d8	40	27.66	69		10	130
			4-Nitrophenol-d4	40	24.26	61		10	150
			Fluorene-d10	40	26.91	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.32	66		10	130
			Anthracene-d10	40	28.42	71		25	130
			Pyrene-d10	40	30.91	77		15	130
			Benzo(a)pyrene-d12	40	29.54	74		20	130

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

Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2051-08DL	MC0R51DL	BM045318.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	14.70	37		20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	29.35	73		25	120
			2-Chlorophenol-d4	40	15.80	40		20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	18.15	45		20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	30.25	76		25	130
			Acenaphthylene-d8	40	23.45	59		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	27.15	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	22.30	56		25	130
			Pyrene-d10	40	35.00	88		15	130
			Benzo(a)pyrene-d12	40	30.75	77		20	130
P2051-09DL	C0RB9DL	BM045319.D	1,4-Dioxane-d8	8	1.32	17		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BM045320.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
		BM045319.D	Phenol-d5	40	0.00	0	*	10	130
		BM045320.D	Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
		BM045319.D	Bis(2-Chloroethyl)ether-d8	40	25.93	65		25	120
			2-Chlorophenol-d4	40	18.08	45		20	130
		BM045320.D	2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
		BM045319.D	4-Methylphenol-d8	40	7.41	19	*	25	125
		BM045320.D	Nitrobenzene-d5	40	0.00	0	*	20	125
		BM045319.D	Nitrobenzene-d5	40	22.55	56		20	125
		BM045320.D	2-Nitrophenol-d4	40	0.00	0	*	20	130
		BM045319.D	2-Nitrophenol-d4	40	22.73	57		20	130
			2,4-Dichlorophenol-d3	40	17.19	43		20	120
		BM045320.D	2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
		BM045319.D	4-Chloroaniline-d4	40	13.11	33		1	146
		BM045320.D	4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	26.90	67		25	130
		BM045319.D	Dimethylphthalate-d6	40	33.23	83		25	130
			Acenaphthylene-d8	40	31.81	80		10	130
		BM045320.D	Acenaphthylene-d8	40	29.80	75		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
		BM045319.D	4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	33.52	84		25	125
		BM045320.D	Fluorene-d10	40	31.90	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
		BM045319.D	4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	28.87	72		25	130

CHEMTECH
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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2051-09DL	C0RB9DL	BM045320.D	Anthracene-d10	40	24.60	62		25	130
		BM045319.D	Pyrene-d10	40	40.26	101		15	130
		BM045320.D	Pyrene-d10	40	37.70	94		15	130
			Benzo(a)pyrene-d12	40	34.30	86		20	130
		BM045319.D	Benzo(a)pyrene-d12	40	32.85	82		20	130

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2032-17	E0MG3	BM045321.D	1,4-Dioxane-d8	8	4.04	51		15	120
			Pyridine-d5	40	3.60	9	*	20	120
			Phenol-d5	40	4.87	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.64	69		25	120
			2-Chlorophenol-d4	40	21.26	53		20	130
			4-Methylphenol-d8	40	11.82	30		25	125
			Nitrobenzene-d5	40	27.94	70		20	125
			2-Nitrophenol-d4	40	25.80	64		20	130
			2,4-Dichlorophenol-d3	40	21.39	53		20	120
			4-Chloroaniline-d4	40	16.32	41		1	146
			Dimethylphthalate-d6	40	30.41	76		25	130
			Acenaphthylene-d8	40	29.63	74		10	130
			4-Nitrophenol-d4	40	2.90	7	*	10	150
			Fluorene-d10	40	30.56	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.12	53		10	130
			Anthracene-d10	40	34.15	85		25	130
			Pyrene-d10	40	38.53	96		15	130
			Benzo(a)pyrene-d12	40	34.90	87		20	130
P2032-18MS	E0MG3MS	BM045322.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	6.21	16	*	20	120
			Phenol-d5	40	4.68	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.49	64		25	120
			2-Chlorophenol-d4	40	20.34	51		20	130
			4-Methylphenol-d8	40	11.24	28		25	125
			Nitrobenzene-d5	40	26.93	67		20	125
			2-Nitrophenol-d4	40	25.92	65		20	130
			2,4-Dichlorophenol-d3	40	24.26	61		20	120
			4-Chloroaniline-d4	40	20.06	50		1	146
			Dimethylphthalate-d6	40	29.47	74		25	130
			Acenaphthylene-d8	40	28.01	70		10	130
			4-Nitrophenol-d4	40	4.17	10		10	150
			Fluorene-d10	40	28.01	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.43	66		10	130
			Anthracene-d10	40	30.26	76		25	130
			Pyrene-d10	40	32.41	81		15	130
			Benzo(a)pyrene-d12	40	31.47	79		20	130
P2032-19MSD	E0MG3MSD	BM045323.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	3.09	8	*	20	120
			Phenol-d5	40	5.91	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.35	73		25	120
			2-Chlorophenol-d4	40	23.70	59		20	130
			4-Methylphenol-d8	40	13.66	34		25	125
			Nitrobenzene-d5	40	32.11	80		20	125
			2-Nitrophenol-d4	40	31.16	78		20	130
			2,4-Dichlorophenol-d3	40	29.01	73		20	120
			4-Chloroaniline-d4	40	19.08	48		1	146
			Dimethylphthalate-d6	40	34.03	85		25	130
			Acenaphthylene-d8	40	32.07	80		10	130
			4-Nitrophenol-d4	40	5.26	13		10	150

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2032-19MSD	E0MG3MSD	BM045323.D	Fluorene-d10	40	31.93	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.57	74		10	130
			Anthracene-d10	40	33.77	84		25	130
			Pyrene-d10	40	37.32	93		15	130
			Benzo(a)pyrene-d12	40	35.38	88		20	130
PB160233BL	PB160233BL	BM045313.D	Pyridine-d5	40	19.15	48		20	120
			1,4-Dioxane-d8	8	4.16	52		15	120
			Phenol-d5	40	20.26	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.80	57		25	120
			2-Chlorophenol-d4	40	22.93	57		20	130
			4-Methylphenol-d8	40	20.42	51		25	125
			Nitrobenzene-d5	40	23.87	60		20	125
			2-Nitrophenol-d4	40	23.42	59		20	130
			2,4-Dichlorophenol-d3	40	19.60	49		20	120
			4-Chloroaniline-d4	40	19.23	48		1	146
			Dimethylphthalate-d6	40	23.82	60		25	130
			Acenaphthylene-d8	40	23.26	58		10	130
			4-Nitrophenol-d4	40	13.87	35		10	150
			Fluorene-d10	40	23.50	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.06	38		10	130
			Anthracene-d10	40	24.87	62		25	130
			Pyrene-d10	40	28.03	70		15	130
			Benzo(a)pyrene-d12	40	24.92	62		20	130

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2051-12DL	C0RH9DL	BM045316.D	1,4-Dioxane-d8	8	4.53	57		15	120
		BM045317.D	Pyridine-d5	40	0.00	0	*	20	120
		BM045316.D	Pyridine-d5	40	0.00	0	*	20	120
		BM045317.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
		BM045316.D	Phenol-d5	40	4.68	12		10	130
		BM045317.D	Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	39.60	99		25	120
		BM045316.D	Bis(2-Chloroethyl)ether-d8	40	50.13	125	*	25	120
		BM045317.D	2-Chlorophenol-d4	40	15.70	39		20	130
		BM045316.D	2-Chlorophenol-d4	40	23.06	58		20	130
		BM045317.D	4-Methylphenol-d8	40	0.00	0	*	25	125
		BM045316.D	4-Methylphenol-d8	40	11.33	28		25	125
			Nitrobenzene-d5	40	44.27	111		20	125
		BM045317.D	Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
		BM045316.D	2-Nitrophenol-d4	40	39.44	99		20	130
			2,4-Dichlorophenol-d3	40	35.23	88		20	120
		BM045317.D	2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
		BM045316.D	4-Chloroaniline-d4	40	33.39	83		1	146
			Dimethylphthalate-d6	40	45.01	113		25	130
		BM045317.D	Dimethylphthalate-d6	40	39.80	100		25	130
			Acenaphthylene-d8	40	37.20	93		10	130
		BM045316.D	Acenaphthylene-d8	40	42.90	107		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
		BM045317.D	4-Nitrophenol-d4	40	0.00	0	*	10	150
		BM045316.D	Fluorene-d10	40	45.78	114		25	125
		BM045317.D	Fluorene-d10	40	38.90	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
		BM045316.D	4,6-Dinitro-2-methylphenol-d2	40	22.10	55		10	130
			Anthracene-d10	40	46.60	116		25	130
		BM045317.D	Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	52.20	131	*	15	130
		BM045316.D	Pyrene-d10	40	49.33	123		15	130
			Benzo(a)pyrene-d12	40	45.94	115		20	130
		BM045317.D	Benzo(a)pyrene-d12	40	47.20	118		20	130

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2032-20	E0MG4	BM045324.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	6.73	17	*	20	120
			Phenol-d5	40	5.42	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.81	75		25	120
			2-Chlorophenol-d4	40	23.24	58		20	130
			4-Methylphenol-d8	40	13.13	33		25	125
			Nitrobenzene-d5	40	31.51	79		20	125
			2-Nitrophenol-d4	40	32.08	80		20	130
			2,4-Dichlorophenol-d3	40	26.44	66		20	120
			4-Chloroaniline-d4	40	23.25	58		1	146
			Dimethylphthalate-d6	40	31.94	80		25	130
			Acenaphthylene-d8	40	31.78	79		10	130
			4-Nitrophenol-d4	40	2.59	6	*	10	150
			Fluorene-d10	40	31.16	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.84	57		10	130
			Anthracene-d10	40	34.87	87		25	130
			Pyrene-d10	40	38.04	95		15	130
			Benzo(a)pyrene-d12	40	34.43	86		20	130
P2032-21	E0MG5	BM045325.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	5.26	13	*	20	120
			Phenol-d5	40	4.35	11		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.35	66		25	120
			2-Chlorophenol-d4	40	20.40	51		20	130
			4-Methylphenol-d8	40	11.11	28		25	125
			Nitrobenzene-d5	40	27.64	69		20	125
			2-Nitrophenol-d4	40	24.42	61		20	130
			2,4-Dichlorophenol-d3	40	21.51	54		20	120
			4-Chloroaniline-d4	40	18.56	46		1	146
			Dimethylphthalate-d6	40	30.24	76		25	130
			Acenaphthylene-d8	40	29.03	73		10	130
			4-Nitrophenol-d4	40	2.29	6	*	10	150
			Fluorene-d10	40	29.62	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.87	50		10	130
			Anthracene-d10	40	33.90	85		25	130
			Pyrene-d10	40	37.75	94		15	130
			Benzo(a)pyrene-d12	40	34.68	87		20	130
P2032-22	E0MG6	BM045326.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Pyridine-d5	40	8.21	21		20	120
			Phenol-d5	40	6.07	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.78	72		25	120
			2-Chlorophenol-d4	40	23.28	58		20	130
			4-Methylphenol-d8	40	13.91	35		25	125
			Nitrobenzene-d5	40	31.12	78		20	125
			2-Nitrophenol-d4	40	30.16	75		20	130
			2,4-Dichlorophenol-d3	40	24.31	61		20	120
			4-Chloroaniline-d4	40	21.92	55		1	146
			Dimethylphthalate-d6	40	32.50	81		25	130
			Acenaphthylene-d8	40	31.38	78		10	130
			4-Nitrophenol-d4	40	3.65	9	*	10	150

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2032-22	E0MG6	BM045326.D	Fluorene-d10	40	31.17	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	34.08	85		25	130
			Pyrene-d10	40	37.99	95		15	130
			Benzo(a)pyrene-d12	40	35.02	88		20	130
PB160236BL	PB160236BL	BM045312.D	Pyridine-d5	40	24.29	61		20	120
			1,4-Dioxane-d8	8	4.87	61		15	120
			Phenol-d5	40	26.18	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.02	73		25	120
			2-Chlorophenol-d4	40	28.77	72		20	130
			4-Methylphenol-d8	40	26.25	66		25	125
			Nitrobenzene-d5	40	29.56	74		20	125
			2-Nitrophenol-d4	40	29.85	75		20	130
			2,4-Dichlorophenol-d3	40	25.55	64		20	120
			4-Chloroaniline-d4	40	25.05	63		1	146
			Dimethylphthalate-d6	40	30.78	77		25	130
			Acenaphthylene-d8	40	30.12	75		10	130
			4-Nitrophenol-d4	40	18.02	45		10	150
			Fluorene-d10	40	30.08	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.45	46		10	130
			Anthracene-d10	40	31.86	80		25	130
			Pyrene-d10	40	35.76	89		15	130
			Benzo(a)pyrene-d12	40	32.79	82		20	130

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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.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2099-01	C0R55	BM045315.D	Pyridine-d5	40	5.24	13	*	20	120
			1,4-Dioxane-d8	8	2.47	31		15	120
			Phenol-d5	40	3.21	8	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	38.07	95		25	120
			2-Chlorophenol-d4	40	15.28	38		20	130
			4-Methylphenol-d8	40	7.96	20	*	25	125
			Nitrobenzene-d5	40	33.59	84		20	125
			2-Nitrophenol-d4	40	33.01	83		20	130
			2,4-Dichlorophenol-d3	40	27.81	70		20	120
			4-Chloroaniline-d4	40	27.04	68		1	146
			Dimethylphthalate-d6	40	34.07	85		25	130
			Acenaphthylene-d8	40	34.21	86		10	130
			4-Nitrophenol-d4	40	2.85	7	*	10	150
			Fluorene-d10	40	32.91	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.74	59		10	130
			Anthracene-d10	40	35.81	90		25	130
			Pyrene-d10	40	36.84	92		15	130
			Benzo(a)pyrene-d12	40	36.57	91		20	130

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2145-01	E07W9	BM045330.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	19.87	50		10	150
			2-Chlorophenol-d4	40	0.19	0	*	15	120
			4-Methylphenol-d8	40	0.02	0	*	10	140
			Nitrobenzene-d5	40	18.86	47		10	135
			2-Nitrophenol-d4	40	17.82	45		10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.04	0	*	1	145
			Dimethylphthalate-d6	40	23.95	60		10	145
			Acenaphthylene-d8	40	0.11	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	2.49	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.02	30		10	130
			Anthracene-d10	40	22.23	56		10	150
			Pyrene-d10	40	0.05	0	*	10	130
			Benzo(a)pyrene-d12	40	0.04	0	*	10	140
P2145-02	E07X0	BM045331.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	17.24	43		20	120
			Phenol-d5	40	20.43	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.46	61		10	150
			2-Chlorophenol-d4	40	24.81	62		15	120
			4-Methylphenol-d8	40	22.61	57		10	140
			Nitrobenzene-d5	40	24.95	62		10	135
			2-Nitrophenol-d4	40	26.28	66		10	120
			2,4-Dichlorophenol-d3	40	24.86	62		10	140
			4-Chloroaniline-d4	40	21.92	55		1	145
			Dimethylphthalate-d6	40	28.39	71		10	145
			Acenaphthylene-d8	40	27.85	70		15	120
			4-Nitrophenol-d4	40	11.58	29		10	150
			Fluorene-d10	40	28.13	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.34	38		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	31.43	79		10	130
			Benzo(a)pyrene-d12	40	30.01	75		10	140
P2145-03	E07X1	BM045332.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	17.63	44		20	120
			Phenol-d5	40	22.69	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.72	62		10	150
			2-Chlorophenol-d4	40	25.33	63		15	120
			4-Methylphenol-d8	40	25.06	63		10	140
			Nitrobenzene-d5	40	26.74	67		10	135
			2-Nitrophenol-d4	40	27.22	68		10	120
			2,4-Dichlorophenol-d3	40	26.76	67		10	140
			4-Chloroaniline-d4	40	23.70	59		1	145
			Dimethylphthalate-d6	40	30.08	75		10	145
			Acenaphthylene-d8	40	29.72	74		15	120
			4-Nitrophenol-d4	40	17.30	43		10	150

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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.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2145-03	E07X1	BM045332.D	Fluorene-d10	40	29.50	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.39	43		10	130
			Anthracene-d10	40	31.05	78		10	150
			Pyrene-d10	40	32.39	81		10	130
			Benzo(a)pyrene-d12	40	31.42	79		10	140
P2145-04	E07X2	BM045333.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Pyridine-d5	40	11.85	30		20	120
			Phenol-d5	40	20.91	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.78	57		10	150
			2-Chlorophenol-d4	40	23.38	58		15	120
			4-Methylphenol-d8	40	21.75	54		10	140
			Nitrobenzene-d5	40	24.24	61		10	135
			2-Nitrophenol-d4	40	24.58	61		10	120
			2,4-Dichlorophenol-d3	40	23.78	59		10	140
			4-Chloroaniline-d4	40	20.52	51		1	145
			Dimethylphthalate-d6	40	26.21	66		10	145
			Acenaphthylene-d8	40	26.47	66		15	120
			4-Nitrophenol-d4	40	14.34	36		10	150
			Fluorene-d10	40	26.31	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.53	36		10	130
			Anthracene-d10	40	27.51	69		10	150
			Pyrene-d10	40	28.76	72		10	130
			Benzo(a)pyrene-d12	40	28.07	70		10	140
P2145-05	E07X3	BM045334.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	17.04	43		20	120
			Phenol-d5	40	20.98	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.59	56		10	150
			2-Chlorophenol-d4	40	23.73	59		15	120
			4-Methylphenol-d8	40	22.24	56		10	140
			Nitrobenzene-d5	40	24.88	62		10	135
			2-Nitrophenol-d4	40	24.77	62		10	120
			2,4-Dichlorophenol-d3	40	24.63	62		10	140
			4-Chloroaniline-d4	40	21.53	54		1	145
			Dimethylphthalate-d6	40	26.65	67		10	145
			Acenaphthylene-d8	40	26.84	67		15	120
			4-Nitrophenol-d4	40	14.05	35		10	150
			Fluorene-d10	40	25.95	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.82	37		10	130
			Anthracene-d10	40	27.96	70		10	150
			Pyrene-d10	40	30.22	76		10	130
			Benzo(a)pyrene-d12	40	27.98	70		10	140
P2145-06	E07Y0	BM045335.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.30	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.79	42		10	150
			2-Chlorophenol-d4	40	0.12	0	*	15	120
			4-Methylphenol-d8	40	0.02	0	*	10	140
			Nitrobenzene-d5	40	15.50	39		10	135
			2-Nitrophenol-d4	40	14.07	35		10	120

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2145-06	E07Y0	BM045335.D	2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.10	0	*	1	145
			Dimethylphthalate-d6	40	18.78	47		10	145
			Acenaphthylene-d8	40	0.07	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	1.74	4	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.62	22		10	130
			Anthracene-d10	40	22.23	56		10	150
			Pyrene-d10	40	0.09	0	*	10	130
			Benzo(a)pyrene-d12	40	0.19	0	*	10	140
P2145-07	E07Y1	BM045336.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	16.15	40		20	120
			Phenol-d5	40	23.60	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.44	64		10	150
			2-Chlorophenol-d4	40	25.85	65		15	120
			4-Methylphenol-d8	40	24.05	60		10	140
			Nitrobenzene-d5	40	26.92	67		10	135
			2-Nitrophenol-d4	40	26.16	65		10	120
			2,4-Dichlorophenol-d3	40	26.18	65		10	140
			4-Chloroaniline-d4	40	22.67	57		1	145
			Dimethylphthalate-d6	40	30.16	75		10	145
			Acenaphthylene-d8	40	29.10	73		15	120
			4-Nitrophenol-d4	40	17.38	43		10	150
			Fluorene-d10	40	29.64	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.93	45		10	130
			Anthracene-d10	40	31.09	78		10	150
			Pyrene-d10	40	33.86	85		10	130
			Benzo(a)pyrene-d12	40	30.92	77		10	140
P2145-08	E07Y2	BM045337.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	18.22	46		20	120
			Phenol-d5	40	21.64	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.62	62		10	150
			2-Chlorophenol-d4	40	24.94	62		15	120
			4-Methylphenol-d8	40	22.09	55		10	140
			Nitrobenzene-d5	40	25.30	63		10	135
			2-Nitrophenol-d4	40	25.49	64		10	120
			2,4-Dichlorophenol-d3	40	24.55	61		10	140
			4-Chloroaniline-d4	40	21.68	54		1	145
			Dimethylphthalate-d6	40	27.05	68		10	145
			Acenaphthylene-d8	40	26.65	67		15	120
			4-Nitrophenol-d4	40	13.54	34		10	150
			Fluorene-d10	40	26.12	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.18	40		10	130
			Anthracene-d10	40	28.13	70		10	150
			Pyrene-d10	40	31.50	79		10	130
			Benzo(a)pyrene-d12	40	28.36	71		10	140
P2145-09	E07Y3	BM045338.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	15.96	40		20	120
			Phenol-d5	40	17.84	45		10	130

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2145-09	E07Y3	BM045338.D	Bis(2-Chloroethyl)ether-d8	40	20.02	50		10	150
			2-Chlorophenol-d4	40	19.58	49		15	120
			4-Methylphenol-d8	40	18.48	46		10	140
			Nitrobenzene-d5	40	20.95	52		10	135
			2-Nitrophenol-d4	40	21.14	53		10	120
			2,4-Dichlorophenol-d3	40	20.10	50		10	140
			4-Chloroaniline-d4	40	17.34	43		1	145
			Dimethylphthalate-d6	40	22.29	56		10	145
			Acenaphthylene-d8	40	22.09	55		15	120
			4-Nitrophenol-d4	40	10.59	26		10	150
			Fluorene-d10	40	21.57	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.20	30		10	130
			Anthracene-d10	40	23.10	58		10	150
			Pyrene-d10	40	25.14	63		10	130
			Benzo(a)pyrene-d12	40	23.45	59		10	140
P2145-10	E07Y4	BM045339.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	24.46	61		20	120
			Phenol-d5	40	29.70	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.43	81		10	150
			2-Chlorophenol-d4	40	32.78	82		15	120
			4-Methylphenol-d8	40	29.72	74		10	140
			Nitrobenzene-d5	40	33.93	85		10	135
			2-Nitrophenol-d4	40	35.02	88		10	120
			2,4-Dichlorophenol-d3	40	34.15	85		10	140
			4-Chloroaniline-d4	40	29.75	74		1	145
			Dimethylphthalate-d6	40	36.94	92		10	145
			Acenaphthylene-d8	40	36.51	91		15	120
			4-Nitrophenol-d4	40	21.93	55		10	150
			Fluorene-d10	40	35.90	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.89	55		10	130
			Anthracene-d10	40	37.08	93		10	150
			Pyrene-d10	40	41.14	103		10	130
			Benzo(a)pyrene-d12	40	37.45	94		10	140
P2145-11MS	E07Y4MS	BM045340.D	1,4-Dioxane-d8	8	6.93	87		15	120
			Pyridine-d5	40	28.46	71		20	120
			Phenol-d5	40	33.52	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.34	88		10	150
			2-Chlorophenol-d4	40	36.60	91		15	120
			4-Methylphenol-d8	40	34.48	86		10	140
			Nitrobenzene-d5	40	35.70	89		10	135
			2-Nitrophenol-d4	40	37.01	93		10	120
			2,4-Dichlorophenol-d3	40	36.32	91		10	140
			4-Chloroaniline-d4	40	28.84	72		1	145
			Dimethylphthalate-d6	40	35.58	89		10	145
			Acenaphthylene-d8	40	35.50	89		15	120
			4-Nitrophenol-d4	40	29.33	73		10	150
			Fluorene-d10	40	34.02	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.99	77		10	130
			Anthracene-d10	40	36.00	90		10	150

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2145-11MS	E07Y4MS	BM045340.D	Pyrene-d10	40	39.16	98		10	130
			Benzo(a)pyrene-d12	40	36.16	90		10	140
P2145-12MSD	E07Y4MSD	BM045341.D	1,4-Dioxane-d8	8	8.14	102		15	120
			Pyridine-d5	40	29.61	74		20	120
			Phenol-d5	40	34.40	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.38	91		10	150
			2-Chlorophenol-d4	40	37.45	94		15	120
			4-Methylphenol-d8	40	34.48	86		10	140
			Nitrobenzene-d5	40	40.30	101		10	135
			2-Nitrophenol-d4	40	41.47	104		10	120
			2,4-Dichlorophenol-d3	40	40.14	100		10	140
			4-Chloroaniline-d4	40	31.42	79		1	145
			Dimethylphthalate-d6	40	39.60	99		10	145
			Acenaphthylene-d8	40	39.86	100		15	120
			4-Nitrophenol-d4	40	31.83	80		10	150
			Fluorene-d10	40	37.99	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.71	84		10	130
			Anthracene-d10	40	38.68	97		10	150
			Pyrene-d10	40	42.28	106		10	130
			Benzo(a)pyrene-d12	40	39.39	98		10	140
P2145-13	E07Y5	BM045342.D	1,4-Dioxane-d8	8	5.63	70		15	120
			Pyridine-d5	40	24.21	61		20	120
			Phenol-d5	40	29.12	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.64	79		10	150
			2-Chlorophenol-d4	40	31.96	80		15	120
			4-Methylphenol-d8	40	28.58	71		10	140
			Nitrobenzene-d5	40	33.08	83		10	135
			2-Nitrophenol-d4	40	32.19	80		10	120
			2,4-Dichlorophenol-d3	40	28.95	72		10	140
			4-Chloroaniline-d4	40	27.75	69		1	145
			Dimethylphthalate-d6	40	33.09	83		10	145
			Acenaphthylene-d8	40	33.20	83		15	120
			4-Nitrophenol-d4	40	18.09	45		10	150
			Fluorene-d10	40	30.90	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.16	50		10	130
			Anthracene-d10	40	33.82	85		10	150
			Pyrene-d10	40	38.27	96		10	130
			Benzo(a)pyrene-d12	40	33.88	85		10	140
PB160307BL	PB160307BL	BM045329.D	Pyridine-d5	40	23.37	58		20	120
			1,4-Dioxane-d8	8	5.32	67		15	120
			Phenol-d5	40	25.41	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.21	71		10	150
			2-Chlorophenol-d4	40	28.79	72		15	120
			4-Methylphenol-d8	40	25.40	63		10	140
			Nitrobenzene-d5	40	30.17	75		10	135
			2-Nitrophenol-d4	40	29.89	75		10	120
			2,4-Dichlorophenol-d3	40	24.59	61		10	140
			4-Chloroaniline-d4	40	24.76	62		1	145
			Dimethylphthalate-d6	40	31.20	78		10	145

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160307BL	PB160307BL	BM045329.D	Acenaphthylene-d8	40	30.39	76		15	120
			4-Nitrophenol-d4	40	17.02	43		10	150
			Fluorene-d10	40	30.49	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.86	47		10	130
			Anthracene-d10	40	33.87	85		10	150
			Pyrene-d10	40	36.68	92		10	130
			Benzo(a)pyrene-d12	40	34.40	86		10	140
PB160307BS	PB160307BS	BM045343.D	1,4-Dioxane-d8	8	7.39	92		15	120
			Pyridine-d5	40	29.45	74		20	120
			Phenol-d5	40	30.24	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.43	81		10	150
			2-Chlorophenol-d4	40	34.61	87		15	120
			4-Methylphenol-d8	40	30.82	77		10	140
			Nitrobenzene-d5	40	35.16	88		10	135
			2-Nitrophenol-d4	40	35.92	90		10	120
			2,4-Dichlorophenol-d3	40	34.98	87		10	140
			4-Chloroaniline-d4	40	28.00	70		1	145
			Dimethylphthalate-d6	40	34.81	87		10	145
			Acenaphthylene-d8	40	34.74	87		15	120
			4-Nitrophenol-d4	40	28.69	72		10	150
			Fluorene-d10	40	32.70	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.52	79		10	130
			Anthracene-d10	40	35.43	89		10	150
			Pyrene-d10	40	37.49	94		10	130
			Benzo(a)pyrene-d12	40	35.96	90		10	140

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Surrogate Summary

SW-846

SDG No.: BM041724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160316BL	PB160316BL	BM045345.D	1,4-Dioxane-d8	8	5.83	73		15	120
			Pyridine-d5	40	27.94	70		20	120
			Phenol-d5	40	29.25	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.35	78		25	120
			2-Chlorophenol-d4	40	32.61	82		20	130
			4-Methylphenol-d8	40	29.33	73		25	125
			Nitrobenzene-d5	40	32.85	82		20	125
			2-Nitrophenol-d4	40	34.60	87		20	130
			2,4-Dichlorophenol-d3	40	29.91	75		20	120
			4-Chloroaniline-d4	40	28.52	71		1	146
			Dimethylphthalate-d6	40	34.45	86		25	130
			Acenaphthylene-d8	40	33.85	85		10	130
			4-Nitrophenol-d4	40	22.28	56		10	150
			Fluorene-d10	40	32.50	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.84	60		10	130
			Anthracene-d10	40	33.58	84		25	130
			Pyrene-d10	40	38.98	97		15	130
			Benzo(a)pyrene-d12	40	34.54	86		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM041724

Lab Code: CHEM SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045310.D DFTPP Injection Date: 04/17/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60.1
68	Less than 2.0% of mass 69	1.2 (2) 1
69	Mass 69 relative abundance	60.1
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	64.4
197	Less than 2.0% of mass 198	0.8
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	26.7
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	14.9 (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
SSTD020105	SSTDCCC020	BM045311.D	04/17/2024	11:33
SBLK236	PB160236BL	BM045312.D	04/17/2024	12:10
SBLK233	PB160233BL	BM045313.D	04/17/2024	12:46
SBLK113	PB160113BL	BM045314.D	04/17/2024	13:23
C0R55	P2099-01	BM045315.D	04/17/2024	14:00
C0RH9DL	P2051-12DL	BM045316.D	04/17/2024	14:36
C0RH9DL	P2051-12DL	BM045317.D	04/17/2024	15:13
MC0R51DL	P2051-08DL	BM045318.D	04/17/2024	15:50
C0RB9DL	P2051-09DL	BM045319.D	04/17/2024	16:27
C0RB9DL	P2051-09DL	BM045320.D	04/17/2024	17:03
E0MG3	P2032-17	BM045321.D	04/17/2024	17:40
E0MG3MS	P2032-18MS	BM045322.D	04/17/2024	18:17
E0MG3MSD	P2032-19MSD	BM045323.D	04/17/2024	18:54
E0MG4	P2032-20	BM045324.D	04/17/2024	19:30
E0MG5	P2032-21	BM045325.D	04/17/2024	20:07
E0MG6	P2032-22	BM045326.D	04/17/2024	20:43
SLCS113	PB160113BS	BM045327.D	04/17/2024	21:20
SSTD020106	SSTDCCC020	BM045328.D	04/17/2024	21:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM041724

Lab Code: CHEM SAS No.: BM041724 SDG NO.: BM041724

Lab File ID: BM045310.D DFTPP Injection Date: 04/17/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60.1
68	Less than 2.0% of mass 69	1.2 (2) 1
69	Mass 69 relative abundance	60.1
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	64.4
197	Less than 2.0% of mass 198	0.8
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	26.7
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	14.9 (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
SBLK307	PB160307BL	BM045329.D	04/17/2024	23:09
E07W9	P2145-01	BM045330.D	04/17/2024	23:46
E07X0	P2145-02	BM045331.D	04/18/2024	00:22
E07X1	P2145-03	BM045332.D	04/18/2024	00:59
E07X2	P2145-04	BM045333.D	04/18/2024	01:35
E07X3	P2145-05	BM045334.D	04/18/2024	02:11
E07Y0	P2145-06	BM045335.D	04/18/2024	02:47
E07Y1	P2145-07	BM045336.D	04/18/2024	03:24
E07Y2	P2145-08	BM045337.D	04/18/2024	04:00
E07Y3	P2145-09	BM045338.D	04/18/2024	04:36
E07Y4	P2145-10	BM045339.D	04/18/2024	05:13
E07Y4MS	P2145-11MS	BM045340.D	04/18/2024	05:49
E07Y4MSD	P2145-12MSD	BM045341.D	04/18/2024	06:25
E07Y5	P2145-13	BM045342.D	04/18/2024	07:01
SLCS307	PB160307BS	BM045343.D	04/18/2024	07:37
SSTD020107	SSTDCCC020	BM045344.D	04/18/2024	08:13
SBLK316	PB160316BL	BM045345.D	04/18/2024	08:50