CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 17:51

Lab File ID: BM030824.D Init. Calib. Date(s):

EPA Sample No.: SSTD020018 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.528	0.525	0.010	-0.4628	40.0
Benzaldehyde	0.899	1.120	0.010	24.5346	40.0
Pyridine	1.459	1.371	0.010	-6.0215	40.0
Phenol	1.791	1.702	0.080	-4.9773	20.0
Bis(2-Chloroethyl)ether	1.395	1.345	0.100	-3.577	20.0
2-Chlorophenol	1.343	1.356	0.200	0.9265	20.0
2-Methylphenol	1.302	1.254	0.010	-3.6725	20.0
2,2-oxybis(1-Chloropropane)	2.298	2.310	0.010	0.5431	40.0
Acetophenone	2.204	2.175	0.060	-1.3347	20.0
4-Methylphenol	1.429	1.402	0.010	-1.8864	20.0
N-Nitroso-di-n-propylamine	1.095	1.156	0.050	5.5807	30.0
Hexachloroethane	0.565	0.563	0.100	-0.3188	20.0
Nitrobenzene	0.382	0.397	0.050	3.6966	25.0
Isophorone	0.667	0.707	0.050	5.8617	25.0
2-Nitrophenol	0.174	0.177	0.050	1.69	25.0
2,4-Dimethylphenol	0.362	0.370	0.050	2.1399	25.0
Bis(2-Chloroethoxy)methane	0.422	0.435	0.050	2.8761	20.0
2,4-Dichlorophenol	0.304	0.309	0.060	1.8544	20.0
Naphthalene	1.006	1.011	0.200	0.5082	20.0
4-Chloroaniline	0.446	0.443	0.010	-0.8018	40.0
Hexachlorobutadiene	0.207	0.207	0.040	0.0281	30.0
Caprolactam	0.088	0.094	0.010	7.3957	40.0
4-Chloro-3-methylphenol	0.308	0.330	0.040	7.2413	25.0
1-Methylnaphthalene	0.727	0.759	0.100	4.4057	20.0
2-Methylnaphthalene	0.717	0.738	0.100	2.9235	20.0
Hexachlorocyclopentadiene	0.369	0.303	0.010	-17.8852	40.0
2,4,6-Trichlorophenol	0.383	0.375	0.090	-1.9756	25.0
2,4,5-Trichlorophenol	0.406	0.406	0.100	-0.0095	25.0
1,1-Biphenyl	1.457	1.396	0.200	-4.2208	20.0
2-Chloronaphthalene	1.141	1.104	0.300	-3.2388	20.0
2-Nitroaniline	0.320	0.334	0.050	4.095	40.0
Dimethylphthalate	1.372	1.413	0.300	2.9815	20.0
2,6-Dinitrotoluene	0.264	0.286	0.080	8.1077	30.0
Acenaphthylene	1.652	1.654	0.400	0.1115	20.0
3-Nitroaniline	0.276	0.289	0.010	4.6471	40.0
Acenaphthene	1.205	1.196	0.200	-0.7546	20.0
2,4-Dinitrophenol	0.157	0.137	0.010	-13.2656	40.0
4-Nitrophenol	0.207	0.215	0.010	3.8382	40.0
Dibenzofuran	1.697	1.710	0.300	0.7546	20.0
2,4-Dinitrotoluene	0.368	0.418	0.070	13.35	30.0
Diethylphthalate	1.361	1.473	0.300	8.1771	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 17:51

Lab File ID: BM030824.D Init. Calib. Date(s):

EPA Sample No.: SSTD020018 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.398	1.426	0.200	1.9809	20.0
4-Chlorophenyl-phenylether	0.704	0.723	0.100	2.7592	20.0
4-Nitroaniline	0.263	0.303	0.010	15.3034	40.0
4,6-Dinitro-2-methylphenol	0.124	0.109	0.010	-12.2153	40.0
N-Nitrosodiphenylamine	0.596	0.561	0.050	-5.8892	20.0
4-Bromophenyl-phenylether	0.211	0.197	0.070	-6.6841	20.0
1,2,4,5-Tetrachlorobenzene	0.607	0.578	0.100	-4.7607	20.0
Hexachlorobenzene	0.239	0.232	0.050	-2.9901	25.0
Atrazine	0.212	0.207	0.010	-2.572	25.0
Pentachlorophenol	0.145	0.130	0.010	-10.4652	40.0
Phenanthrene	1.067	1.046	0.200	-2.0174	20.0
Pentachlorobenzene	0.303	0.274	0.050	-9.6072	20.0
Anthracene	1.097	1.086	0.200	-0.9314	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.266	0.050	-14.3714	20.0
Carbazole	0.953	0.947	0.050	-0.6906	40.0
Di-n-butylphthalate	1.099	1.182	0.500	7.5585	25.0
Fluoranthene	1.360	1.173	0.400	-13.7918	25.0
Pyrene	1.410	1.235	0.400	-12.4097	25.0
Butylbenzylphthalate	0.482	0.480	0.100	-0.307	40.0
3,3-Dichlorobenzidine	0.365	0.411	0.010	12.624	40.0
Benzo(a)anthracene	1.250	1.235	0.300	-1.2137	30.0
Chrysene	1.230	1.196	0.200	-2.7768	30.0
Bis(2-ethylhexyl)phthalate	0.710	0.754	0.200	6.0921	40.0
Di-n-octyl phthalate	1.242	1.318	0.010	6.1526	40.0
Benzo(b)fluoranthene	1.288	1.281	0.200	-0.5327	25.0
Benzo(k)fluoranthene	1.252	1.312	0.200	4.7353	25.0
Benzo(a)pyrene	1.140	1.130	0.200	-0.8542	20.0
Indeno(1,2,3-cd)pyrene	1.418	1.195	0.200	-15.7388	25.0
Dibenzo(a,h)anthracene	1.189	1.015	0.200	-14.6015	30.0
Benzo(g,h,i)perylene	1.137	0.920	0.200	-19.0375	30.0
2,3,4,6-Tetrachlorophenol	0.337	0.358	0.040	6.01	20.0
1,4-Dioxane-d8	0.512	0.506	0.010	-1.2186	40.0
Pyridine-d5	1.338	1.269	0.010	-5.1602	40.0
Phenol-d5	1.748	1.660	0.010	-5.0035	25.0
Bis-(2-Chloroethyl)ether-d8	1.126	1.099	0.050	-2.4065	25.0
2-Chlorophenol-d4	1.341	1.337	0.200	-0.3045	20.0
4-Methylphenol-d8	1.400	1.357	0.010	-3.0734	20.0
Nitrobenzene-d5	0.149	0.151	0.050	1.2187	20.0
2-Nitrophenol-d4	0.163	0.161	0.050	-0.7883	30.0
2,4-Dichlorophenol-d3	0.313	0.319	0.060	1.7772	20.0
4-Chloroaniline-d4	0.445	0.443	0.010	-0.464	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 17:51

Lab File ID: BM030824.D Init. Calib. Date(s):

EPA Sample No.: SSTD020018 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.400	1.455	0.300	3.9163	20.0
Acenaphthylene-d8	1.769	1.773	0.400	0.2569	20.0
4-Nitrophenol-d4	0.244	0.249	0.010	2.3715	40.0
Fluorene-d10	1.233	1.267	0.100	2.7963	20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.110	0.010	-13.9497	40.0
Anthracene-d10	0.932	0.927	0.300	-0.5588	20.0
Pyrene-d10	1.103	0.974	0.300	-11.6925	25.0
Benzo(a)pyrene-d12	1.032	1.024	0.010	-0.7682	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/7/2021 12: 03:02

Lab File ID: BM030838.D Init. Calib. Date(s):

EPA Sample No.: SSTD020019 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.528	0.510	0.010	-3.2704	40.0
Benzaldehyde	0.899	1.074	0.010	19.4527	40.0
Pyridine	1.459	1.337	0.010	-8.3823	40.0
Phenol	1.791	1.656	0.080	-7.5455	20.0
Bis(2-Chloroethyl)ether	1.395	1.317	0.100	-5.6352	20.0
2-Chlorophenol	1.343	1.322	0.200	-1.5606	20.0
2-Methylphenol	1.302	1.213	0.010	-6.8707	20.0
2,2-oxybis(1-Chloropropane)	2.298	2.200	0.010	-4.2312	40.0
Acetophenone	2.204	2.051	0.060	-6.9452	20.0
4-Methylphenol	1.429	1.335	0.010	-6.5825	20.0
N-Nitroso-di-n-propylamine	1.095	1.080	0.050	-1.3739	30.0
Hexachloroethane	0.565	0.567	0.100	0.3522	20.0
Nitrobenzene	0.382	0.387	0.050	1.1472	25.0
Isophorone	0.667	0.683	0.050	2.3772	25.0
2-Nitrophenol	0.174	0.176	0.050	1.034	25.0
2,4-Dimethylphenol	0.362	0.367	0.050	1.5118	25.0
Bis(2-Chloroethoxy)methane	0.422	0.429	0.050	1.6038	20.0
2,4-Dichlorophenol	0.304	0.306	0.060	0.586	20.0
Naphthalene	1.006	0.997	0.200	-0.9117	20.0
4-Chloroaniline	0.446	0.420	0.010	-5.9579	40.0
Hexachlorobutadiene	0.207	0.209	0.040	1.0075	30.0
Caprolactam	0.088	0.083	0.010	-5.6797	40.0
4-Chloro-3-methylphenol	0.308	0.313	0.040	1.6487	25.0
1-Methylnaphthalene	0.727	0.727	0.100	-0.0389	20.0
2-Methylnaphthalene	0.717	0.724	0.100	0.9012	20.0
Hexachlorocyclopentadiene	0.369	0.310	0.010	-15.8301	40.0
2,4,6-Trichlorophenol	0.383	0.387	0.090	1.0207	25.0
2,4,5-Trichlorophenol	0.406	0.413	0.100	1.7672	25.0
1,1-Biphenyl	1.457	1.460	0.200	0.1849	20.0
2-Chloronaphthalene	1.141	1.132	0.300	-0.7862	20.0
2-Nitroaniline	0.320	0.330	0.050	2.9694	40.0
Dimethylphthalate	1.372	1.375	0.300	0.2491	20.0
2,6-Dinitrotoluene	0.264	0.269	0.080	1.9793	30.0
Acenaphthylene	1.652	1.650	0.400	-0.1559	20.0
3-Nitroaniline	0.276	0.271	0.010	-1.7906	40.0
Acenaphthene	1.205	1.206	0.200	0.0492	20.0
2,4-Dinitrophenol	0.157	0.116	0.010	-26.505	40.0
4-Nitrophenol	0.207	0.184	0.010	-11.2408	40.0
Dibenzofuran	1.697	1.686	0.300	-0.6798	20.0
2,4-Dinitrotoluene	0.368	0.380	0.070	3.0494	30.0
Diethylphthalate	1.361	1.377	0.300	1.1183	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/7/2021 12: 03:02

Lab File ID: BM030838.D Init. Calib. Date(s):

EPA Sample No.: SSTD020019 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.398	1.378	0.200	-1.4051	20.0
4-Chlorophenyl-phenylether	0.704	0.693	0.100	-1.5409	20.0
4-Nitroaniline	0.263	0.273	0.010	3.7364	40.0
4,6-Dinitro-2-methylphenol	0.124	0.099	0.010	-20.0605	40.0
N-Nitrosodiphenylamine	0.596	0.600	0.050	0.561	20.0
4-Bromophenyl-phenylether	0.211	0.211	0.070	0.3803	20.0
1,2,4,5-Tetrachlorobenzene	0.607	0.610	0.100	0.4743	20.0
Hexachlorobenzene	0.239	0.237	0.050	-0.9803	25.0
Atrazine	0.212	0.202	0.010	-4.7356	25.0
Pentachlorophenol	0.145	0.123	0.010	-15.5326	40.0
Phenanthrene	1.067	1.048	0.200	-1.8079	20.0
Pentachlorobenzene	0.303	0.306	0.050	0.9434	20.0
Anthracene	1.097	1.068	0.200	-2.5575	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.314	0.050	1.1954	20.0
Carbazole	0.953	0.885	0.050	-7.1689	40.0
Di-n-butylphthalate	1.099	1.069	0.500	-2.7065	25.0
Fluoranthene	1.360	1.385	0.400	1.8446	25.0
Pyrene	1.410	1.428	0.400	1.309	25.0
Butylbenzylphthalate	0.482	0.486	0.100	0.8549	40.0
3,3-Dichlorobenzidine	0.365	0.375	0.010	2.6209	40.0
Benzo(a)anthracene	1.250	1.235	0.300	-1.2535	30.0
Chrysene	1.230	1.198	0.200	-2.639	30.0
Bis(2-ethylhexyl)phthalate	0.710	0.697	0.200	-1.9069	40.0
Di-n-octyl phthalate	1.242	1.114	0.010	-10.3055	40.0
Benzo(b)fluoranthene	1.288	1.246	0.200	-3.2538	25.0
Benzo(k)fluoranthene	1.252	1.211	0.200	-3.2967	25.0
Benzo(a)pyrene	1.140	1.119	0.200	-1.8274	20.0
Indeno(1,2,3-cd)pyrene	1.418	1.471	0.200	3.7762	25.0
Dibenzo(a,h)anthracene	1.189	1.215	0.200	2.1665	30.0
Benzo(g,h,i)perylene	1.137	1.204	0.200	5.8789	30.0
2,3,4,6-Tetrachlorophenol	0.337	0.334	0.040	-0.8336	20.0
1,4-Dioxane-d8	0.512	0.470	0.010	-8.1085	40.0
Pyridine-d5	1.338	1.232	0.010	-7.9219	40.0
Phenol-d5	1.748	1.608	0.010	-7.969	25.0
Bis-(2-Chloroethyl)ether-d8	1.126	1.051	0.050	-6.6642	25.0
2-Chlorophenol-d4	1.341	1.318	0.200	-1.6729	20.0
4-Methylphenol-d8	1.400	1.312	0.010	-6.331	20.0
Nitrobenzene-d5	0.149	0.151	0.050	1.3522	20.0
2-Nitrophenol-d4	0.163	0.163	0.050	0.26	30.0
2,4-Dichlorophenol-d3	0.313	0.318	0.060	1.4501	20.0
4-Chloroaniline-d4	0.445	0.425	0.010	-4.5134	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/7/2021 12: 03:02

Lab File ID: BM030838.D Init. Calib. Date(s):

EPA Sample No.: SSTD020019 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.400	1.409	0.300	0.6403	20.0
Acenaphthylene-d8	1.769	1.791	0.400	1.2381	20.0
4-Nitrophenol-d4	0.244	0.219	0.010	-10.266	40.0
Fluorene-d10	1.233	1.215	0.100	-1.4286	20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.102	0.010	-20.2745	40.0
Anthracene-d10	0.932	0.921	0.300	-1.155	20.0
Pyrene-d10	1.103	1.114	0.300	0.9677	25.0
Benzo(a)pyrene-d12	1.032	1.011	0.010	-2.111	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 14:55

Lab File ID: BM030821.D Init. Calib. Date(s):

EPA Sample No.: SICV017 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.528	0.473	0.010	-10.3341	40.0
Benzaldehyde	0.899	1.089	0.010	21.1505	40.0
Pyridine	1.459	0.993	0.010	-31.9718	40.0
Phenol	1.791	1.477	0.080	-17.5668	20.0
Bis(2-Chloroethyl)ether	1.395	1.199	0.100	-14.031	20.0
2-Chlorophenol	1.343	1.188	0.200	-11.5704	20.0
2-Methylphenol	1.302	1.108	0.010	-14.8829	20.0
2,2-oxybis(1-Chloropropane)	2.298	1.986	0.010	-13.5583	40.0
Acetophenone	2.204	2.013	0.060	-8.678	20.0
4-Methylphenol	1.429	1.207	0.010	-15.5498	20.0
N-Nitroso-di-n-propylamine	1.095	0.979	0.050	-10.6156	30.0
Hexachloroethane	0.565	0.500	0.100	-11.4508	20.0
Nitrobenzene	0.382	0.334	0.050	-12.6736	25.0
Isophorone	0.667	0.581	0.050	-12.9696	25.0
2-Nitrophenol	0.174	0.158	0.050	-9.2851	25.0
2,4-Dimethylphenol	0.362	0.318	0.050	-12.1182	25.0
Bis(2-Chloroethoxy)methane	0.422	0.374	0.050	-11.374	20.0
2,4-Dichlorophenol	0.304	0.277	0.060	-8.9511	20.0
Naphthalene	1.006	0.898	0.200	-10.7102	20.0
4-Chloroaniline	0.446	0.385	0.010	-13.7742	40.0
Hexachlorobutadiene	0.207	0.190	0.040	-8.2082	30.0
Caprolactam	0.088	0.078	0.010	-11.3329	40.0
4-Chloro-3-methylphenol	0.308	0.281	0.040	-8.7375	25.0
1-Methylnaphthalene	0.727	0.607	0.100	-16.4664	20.0
2-Methylnaphthalene	0.717	0.651	0.100	-9.1968	20.0
Hexachlorocyclopentadiene	0.369	0.324	0.010	-12.1106	40.0
2,4,6-Trichlorophenol	0.383	0.340	0.090	-11.1157	25.0
2,4,5-Trichlorophenol	0.406	0.359	0.100	-11.559	25.0
1,1-Biphenyl	1.457	1.357	0.200	-6.8626	20.0
2-Chloronaphthalene	1.141	1.017	0.300	-10.8553	20.0
2-Nitroaniline	0.320	0.290	0.050	-9.3786	40.0
Dimethylphthalate	1.372	1.246	0.300	-9.1481	20.0
2,6-Dinitrotoluene	0.264	0.267	0.080	0.9884	30.0
Acenaphthylene	1.652	1.577	0.400	-4.5335	20.0
3-Nitroaniline	0.276	0.262	0.010	-5.1263	40.0
Acenaphthene	1.205	1.068	0.200	-11.3887	20.0
2,4-Dinitrophenol	0.157	0.118	0.010	-24.9614	40.0
4-Nitrophenol	0.207	0.168	0.010	-18.7933	40.0
Dibenzofuran	1.697	1.508	0.300	-11.1475	20.0
2,4-Dinitrotoluene	0.368	0.349	0.070	-5.2449	30.0
Diethylphthalate	1.361	1.224	0.300	-10.1186	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 14:55

Lab File ID: BM030821.D Init. Calib. Date(s):

EPA Sample No.: SICV017 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Fluorene	1.398	1.240	0.200	-11.3117	20.0
4-Chlorophenyl-phenylether	0.704	0.622	0.100	-11.5451	20.0
4-Nitroaniline	0.263	0.252	0.010	-4.0194	40.0
4,6-Dinitro-2-methylphenol	0.124	0.098	0.010	-20.7379	40.0
N-Nitrosodiphenylamine	0.596	0.534	0.050	-10.5007	20.0
4-Bromophenyl-phenylether	0.211	0.190	0.070	-9.5702	20.0
1,2,4,5-Tetrachlorobenzene	0.607	0.576	0.100	-4.9818	20.0
Hexachlorobenzene	0.239	0.214	0.050	-10.2977	25.0
Atrazine	0.212	0.188	0.010	-11.6515	25.0
Pentachlorophenol	0.145	0.116	0.010	-20.2675	40.0
Phenanthrene	1.067	0.947	0.200	-11.23	20.0
Pentachlorobenzene	0.303	0.268	0.050	-11.6602	20.0
Anthracene	1.097	0.966	0.200	-11.8814	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.276	0.050	-10.8353	20.0
Carbazole	0.953	0.820	0.050	-13.9911	40.0
Di-n-butylphthalate	1.099	0.998	0.500	-9.1451	25.0
Fluoranthene	1.360	1.195	0.400	-12.1598	25.0
Pyrene	1.410	1.256	0.400	-10.9085	25.0
Butylbenzylphthalate	0.482	0.425	0.100	-11.7272	40.0
3,3-Dichlorobenzidine	0.365	0.410	0.010	12.3923	40.0
Benzo(a)anthracene	1.250	1.099	0.300	-12.0736	30.0
Chrysene	1.230	1.091	0.200	-11.3458	30.0
Bis(2-ethylhexyl)phthalate	0.710	0.628	0.200	-11.5396	40.0
Di-n-octyl phthalate	1.242	1.060	0.010	-14.689	40.0
Benzo(b)fluoranthene	1.288	1.158	0.200	-10.1444	25.0
Benzo(k)fluoranthene	1.252	1.113	0.200	-11.1501	25.0
Benzo(a)pyrene	1.140	1.091	0.200	-4.2757	20.0
Indeno(1,2,3-cd)pyrene	1.418	1.223	0.200	-13.7225	25.0
Dibenzo(a,h)anthracene	1.189	1.031	0.200	-13.262	30.0
Benzo(g,h,i)perylene	1.137	0.940	0.200	-17.3136	30.0
2,3,4,6-Tetrachlorophenol	0.337	0.320	0.040	-5.0651	20.0
1,4-Dioxane-d8	0.512	0.434	0.010	-15.1821	40.0
Pyridine-d5	1.338	1.123	0.010	-16.1202	40.0
Phenol-d5	1.748	1.466	0.010	-16.0873	25.0
Bis-(2-Chloroethyl)ether-d8	1.126	1.046	0.050	-7.1057	25.0
2-Chlorophenol-d4	1.341	1.183	0.200	-11.7827	20.0
4-Methylphenol-d8	1.400	1.167	0.010	-16.6929	20.0
Nitrobenzene-d5	0.149	0.131	0.050	-12.0052	20.0
2-Nitrophenol-d4	0.163	0.145	0.050	-10.9633	30.0
2,4-Dichlorophenol-d3	0.313	0.286	0.060	-8.8264	20.0
4-Chloroaniline-d4	0.445	0.381	0.010	-14.3369	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: BNA_M Calibration Date/Time: 7/6/2021 12: 14:55

Lab File ID: BM030821.D Init. Calib. Date(s):

EPA Sample No.: SICV017 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.400	1.281	0.300	-8.5043	20.0
Acenaphthylene-d8	1.769	1.635	0.400	-7.5646	20.0
4-Nitrophenol-d4	0.244	0.201	0.010	-17.3326	40.0
Fluorene-d10	1.233	1.090	0.100	-11.5786	20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.099	0.010	-22.6277	40.0
Anthracene-d10	0.932	0.824	0.300	-11.6159	20.0
Pyrene-d10	1.103	0.992	0.300	-10.0804	25.0
Benzo(a)pyrene-d12	1.032	0.915	0.010	-11.3283	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC020			SDG No.:	BM070621
Lab Sample ID:	SSTDCCC020			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030814.D	1		7/6/2021 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8200		200	500	2000	ug/L
100-52-7	Benzaldehyde	23000		1400	5000	10000	ug/L
110-86-1	Pyridine	19000		840	10000	10000	ug/L
108-95-2	Phenol	18000		820	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	18000		860	5000	10000	ug/L
95-57-8	2-Chlorophenol	20000		930	2500	5000	ug/L
95-48-7	2-Methylphenol	18000		820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18000		930	5000	10000	ug/L
98-86-2	Acetophenone	17000		910	5000	10000	ug/L
106-44-5	4-Methylphenol	18000		760	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	18000		960	2500	5000	ug/L
67-72-1	Hexachloroethane	19000		880	2500	5000	ug/L
98-95-3	Nitrobenzene	20000		900	2500	5000	ug/L
78-59-1	Isophorone	19000		860	2500	5000	ug/L
88-75-5	2-Nitrophenol	20000		920	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	20000		820	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	20000		880	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	20000		810	2500	5000	ug/L
91-20-3	Naphthalene	20000		890	2500	5000	ug/L
106-47-8	4-Chloroaniline	18000		910	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	20000		860	2500	5000	ug/L
105-60-2	Caprolactam	17000		840	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	19000		840	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	19000		900	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	19000		840	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	17000		660	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	20000		750	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	20000		730	2500	5000	ug/L
92-52-4	1,1-Biphenyl	20000		850	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	20000		860	2500	5000	ug/L
88-74-4	2-Nitroaniline	20000		750	2500	5000	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTDCCC020		SDG No.:	BM070621	
Lab Sample ID:	SSTDCCC020		Matrix:	Water	
Analytical Method:	SFAM_SVOC		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030814.D	1		7/6/2021 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	19000		880	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	19000		730	2500	5000	ug/L
208-96-8	Acenaphthylene	20000		820	2500	5000	ug/L
99-09-2	3-Nitroaniline	19000		850	5000	10000	ug/L
83-32-9	Acenaphthene	20000		890	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	17000		660	5000	10000	ug/L
100-02-7	4-Nitrophenol	19000		810	5000	10000	ug/L
132-64-9	Dibenzofuran	20000		850	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	20000		710	2500	5000	ug/L
84-66-2	Diethylphthalate	20000		930	2500	5000	ug/L
86-73-7	Fluorene	20000		910	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19000		910	2500	5000	ug/L
100-01-6	4-Nitroaniline	21000		1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17000		760	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	19000		880	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	19000		860	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20000		800	2500	5000	ug/L
118-74-1	Hexachlorobenzene	19000		800	2500	5000	ug/L
1912-24-9	Atrazine	19000		840	5000	10000	ug/L
87-86-5	Pentachlorophenol	18000		980	5000	10000	ug/L
85-01-8	Phenanthrene	20000		880	2500	5000	ug/L
608-93-5	Pentachlorobenzene	19000		820	2500	5000	ug/L
120-12-7	Anthracene	20000		910	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	19000		870	2500	5000	ug/L
86-74-8	Carbazole	20000		860	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	21000		790	2500	5000	ug/L
206-44-0	Fluoranthene	18000		970	5000	5000	ug/L
129-00-0	Pyrene	18000		930	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	21000		1100	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	20000		950	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	20000		850	2500	5000	ug/L
218-01-9	Chrysene	20000		880	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	20000		940	2500	5000	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SSTDCCC020			SDG No.:	BM070621
Lab Sample ID:	SSTDCCC020			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030814.D	1		7/6/2021 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	18000		920	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	20000		830	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	18000		1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	20000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20000		840	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	20000		810	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	21000		850	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	20000		870	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8365	*	15-120		104563	SPK: -8
7291-22-7	Pyridine-d5	19271	*	20-120		48177	SPK: -40
4165-62-2	Phenol-d5	17904	*	10-130		44760	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18456	*	25-120		46140	SPK: -40
93951-73-6	2-Chlorophenol-d4	19397	*	20-130		48492	SPK: -40
190780-66-6	4-Methylphenol-d8	17403	*	25-125		43508	SPK: -40
4165-60-0	Nitrobenzene-d5	20062	*	20-125		50155	SPK: -40
93951-78-1	2-Nitrophenol-d4	20223	*	20-130		50558	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19769	*	20-120		49423	SPK: -40
191656-33-4	4-Chloroaniline-d4	18441	*	1-145		46102	SPK: -40
85448-30-2	Dimethylphthalate-d6	19528	*	25-130		48820	SPK: -40
93951-97-4	Acenaphthylene-d8	19683	*	10-130		49208	SPK: -40
93951-79-2	4-Nitrophenol-d4	18679	*	10-150		46698	SPK: -40
81103-79-9	Fluorene-d10	20080	*	25-125		50200	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17207	*	10-130		43017	SPK: -40
1719-06-8	Anthracene-d10	19608	*	25-130		49020	SPK: -40
1718-52-1	Pyrene-d10	18486	*	15-130		46215	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19891	*	20-130		49727	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68604	7.77				
1146-65-2	Naphthalene-d8	268618	10.55				
15067-26-2	Acenaphthene-d10	161450	14.39				
1517-22-2	Phenanthrene-d10	318765	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	SSTDCCC020		SDG No.:	BM070621	
Lab Sample ID:	SSTDCCC020		Matrix:	Water	
Analytical Method:	SFAM_SVOC		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030814.D	1		7/6/2021 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	317166	21.3				
1520-96-3	Perylene-d12	341137	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	850	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK472			SDG No.:	BM070621
Lab Sample ID:	PB137472BL			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
BM030822.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.2	U	0.2	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.84	U	0.84	10	10	ug/L
108-95-2	Phenol	0.82	U	0.82	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.86	U	0.86	5	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.93	U	0.93	5	10	ug/L
98-86-2	Acetophenone	0.91	U	0.91	5	10	ug/L
106-44-5	4-Methylphenol	0.76	U	0.76	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.96	U	0.96	2.5	5	ug/L
67-72-1	Hexachloroethane	0.88	U	0.88	2.5	5	ug/L
98-95-3	Nitrobenzene	0.9	U	0.9	2.5	5	ug/L
78-59-1	Isophorone	0.86	U	0.86	2.5	5	ug/L
88-75-5	2-Nitrophenol	0.92	U	0.92	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.82	U	0.82	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.88	U	0.88	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.81	U	0.81	2.5	5	ug/L
91-20-3	Naphthalene	0.89	U	0.89	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.91	U	0.91	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.86	U	0.86	2.5	5	ug/L
105-60-2	Caprolactam	0.84	U	0.84	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	0.84	U	0.84	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	0.66	U	0.66	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.75	U	0.75	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.73	U	0.73	2.5	5	ug/L
92-52-4	1,1-Biphenyl	0.85	U	0.85	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	0.86	U	0.86	2.5	5	ug/L
88-74-4	2-Nitroaniline	0.75	U	0.75	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK472			SDG No.:	BM070621
Lab Sample ID:	PB137472BL			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
BM030822.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.88	U	0.88	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	0.73	U	0.73	2.5	5	ug/L
208-96-8	Acenaphthylene	0.82	U	0.82	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5	10	ug/L
83-32-9	Acenaphthene	0.89	U	0.89	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	0.66	U	0.66	5	10	ug/L
100-02-7	4-Nitrophenol	0.81	U	0.81	5	10	ug/L
132-64-9	Dibenzofuran	0.85	U	0.85	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.71	U	0.71	2.5	5	ug/L
84-66-2	Diethylphthalate	0.93	U	0.93	2.5	5	ug/L
86-73-7	Fluorene	0.91	U	0.91	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.91	U	0.91	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.76	U	0.76	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.88	U	0.88	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.86	U	0.86	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.8	U	0.8	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.8	U	0.8	2.5	5	ug/L
1912-24-9	Atrazine	0.84	U	0.84	5	10	ug/L
87-86-5	Pentachlorophenol	0.98	U	0.98	5	10	ug/L
85-01-8	Phenanthrene	0.88	U	0.88	2.5	5	ug/L
608-93-5	Pentachlorobenzene	0.82	U	0.82	2.5	5	ug/L
120-12-7	Anthracene	0.91	U	0.91	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.87	U	0.87	2.5	5	ug/L
86-74-8	Carbazole	0.86	U	0.86	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.79	U	0.79	2.5	5	ug/L
206-44-0	Fluoranthene	0.97	U	0.97	5	5	ug/L
129-00-0	Pyrene	0.93	U	0.93	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.1	U	1.1	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.85	U	0.85	2.5	5	ug/L
218-01-9	Chrysene	0.88	U	0.88	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.94	U	0.94	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK472			SDG No.:	BM070621
Lab Sample ID:	PB137472BL			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
BM030822.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	0.92	U	0.92	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	0.83	U	0.83	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	0.84	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.81	U	0.81	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.87	U	0.87	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.835		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	31.816		20-120		80	SPK: -40
4165-62-2	Phenol-d5	32.317		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.657		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.56		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	32.579		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	35.956		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.999		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.614		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.616		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.112		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.098		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.562		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	38.148		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.525		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	38.218		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	37.959		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.419		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83697	7.76				
1146-65-2	Naphthalene-d8	349107	10.55				
15067-26-2	Acenaphthene-d10	234365	14.39				
1517-22-2	Phenanthrene-d10	491681	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK472			SDG No.:	BM070621
Lab Sample ID:	PB137472BL			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
BM030822.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	457351	21.31				
1520-96-3	Perylene-d12	405513	23.56				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.85	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK52			SDG No.:	BM070621
Lab Sample ID:	M2905-01			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
BM030823.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.2	U	0.2	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.84	U	0.84	10	10	ug/L
108-95-2	Phenol	0.82	U	0.82	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.86	U	0.86	5	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.93	U	0.93	5	10	ug/L
98-86-2	Acetophenone	26		0.91	5	10	ug/L
106-44-5	4-Methylphenol	0.76	U	0.76	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.96	U	0.96	2.5	5	ug/L
67-72-1	Hexachloroethane	20		0.88	2.5	5	ug/L
98-95-3	Nitrobenzene	18		0.9	2.5	5	ug/L
78-59-1	Isophorone	0.86	U	0.86	2.5	5	ug/L
88-75-5	2-Nitrophenol	0.92	U	0.92	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.82	U	0.82	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.88	U	0.88	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.81	U	0.81	2.5	5	ug/L
91-20-3	Naphthalene	14		0.89	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.91	U	0.91	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.86	U	0.86	2.5	5	ug/L
105-60-2	Caprolactam	0.84	U	0.84	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	12		0.84	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	0.66	U	0.66	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.75	U	0.75	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.73	U	0.73	2.5	5	ug/L
92-52-4	1,1-Biphenyl	0.85	U	0.85	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	0.86	U	0.86	2.5	5	ug/L
88-74-4	2-Nitroaniline	0.75	U	0.75	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK52			SDG No.:	BM070621
Lab Sample ID:	M2905-01			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
BM030823.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.88	U	0.88	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	0.73	U	0.73	2.5	5	ug/L
208-96-8	Acenaphthylene	0.82	U	0.82	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5	10	ug/L
83-32-9	Acenaphthene	17		0.89	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	0.66	U	0.66	5	10	ug/L
100-02-7	4-Nitrophenol	0.81	U	0.81	5	10	ug/L
132-64-9	Dibenzofuran	0.85	U	0.85	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.71	U	0.71	2.5	5	ug/L
84-66-2	Diethylphthalate	0.93	U	0.93	2.5	5	ug/L
86-73-7	Fluorene	0.91	U	0.91	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.91	U	0.91	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.76	U	0.76	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		0.88	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.86	U	0.86	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25		0.8	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.8	U	0.8	2.5	5	ug/L
1912-24-9	Atrazine	0.84	U	0.84	5	10	ug/L
87-86-5	Pentachlorophenol	0.98	U	0.98	5	10	ug/L
85-01-8	Phenanthrene	26		0.88	2.5	5	ug/L
608-93-5	Pentachlorobenzene	0.82	U	0.82	2.5	5	ug/L
120-12-7	Anthracene	11		0.91	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.87	U	0.87	2.5	5	ug/L
86-74-8	Carbazole	0.86	U	0.86	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.79	U	0.79	2.5	5	ug/L
206-44-0	Fluoranthene	0.97	U	0.97	5	5	ug/L
129-00-0	Pyrene	14		0.93	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.1	U	1.1	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.85	U	0.85	2.5	5	ug/L
218-01-9	Chrysene	21		0.88	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.94	U	0.94	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK52			SDG No.:	BM070621
Lab Sample ID:	M2905-01			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
BM030823.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	0.92	U	0.92	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	17		0.83	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	13		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	6.2		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	0.84	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.81	U	0.81	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	18		0.85	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.87	U	0.87	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.732		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	31.043		20-120		78	SPK: -40
4165-62-2	Phenol-d5	33.673		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.631		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.192		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.016		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.383		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.879		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.398		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.66		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.148		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.595		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.516		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	37.735		25-125		94	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.118		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	37.056		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	39.114		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.355		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68011	7.76				
1146-65-2	Naphthalene-d8	274001	10.55				
15067-26-2	Acenaphthene-d10	171923	14.39				
1517-22-2	Phenanthrene-d10	335479	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK52			SDG No.:	BM070621
Lab Sample ID:	M2905-01			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
BM030823.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	282641	21.31				
1520-96-3	Perylene-d12	280984	23.56				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.1	A			4.9	
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	3.7	J			5.97	
	(DEL) Alkane: Straight-Chain7.99	2.7	J			7.99	
	unknown-01	21	J			12.07	
000092-93-3	1,1-Biphenyl, 4-nitro-	20	J			17.61	
000057-10-3	n-Hexadecanoic acid	2.9	J			18.03	
000084-65-1	9,10-Anthracenedione	2.8	J			18.56	
000120-55-8	Diethylene glycol dibenzoate	3.8	J			21.09	
003343-10-0	Benz[j]aceanthrylene, 3-methyl-	4.9	J			24.03	
E966796	Total Alkanes	2.7				99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030825.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1	U	7.1	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	28	U	28	170	330	ug/Kg
108-95-2	Phenol	25	U	25	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	28	U	28	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	42.5	170	ug/Kg
95-48-7	2-Methylphenol	26	U	26	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	28	U	28	82.5	330	ug/Kg
98-86-2	Acetophenone	29	U	29	82.5	330	ug/Kg
106-44-5	4-Methylphenol	25	U	25	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	27	U	27	42.5	170	ug/Kg
67-72-1	Hexachloroethane	30	U	30	42.5	170	ug/Kg
98-95-3	Nitrobenzene	30	U	30	42.5	170	ug/Kg
78-59-1	Isophorone	28	U	28	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	28	U	28	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30	U	30	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	30	U	30	42.5	170	ug/Kg
91-20-3	Naphthalene	30	U	30	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	42.5	170	ug/Kg
105-60-2	Caprolactam	26	U	26	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	27	U	27	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31	U	31	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	29	U	29	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030825.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	42.5	170	ug/Kg
208-96-8	Acenaphthylene	30	U	30	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	20	U	20	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	32	U	32	82.5	330	ug/Kg
132-64-9	Dibenzofuran	29	U	29	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	24	U	24	42.5	170	ug/Kg
84-66-2	Diethylphthalate	26	U	26	42.5	170	ug/Kg
86-73-7	Fluorene	29	U	29	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	42.5	170	ug/Kg
1912-24-9	Atrazine	30	U	30	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	30	U	30	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	34	U	34	42.5	170	ug/Kg
120-12-7	Anthracene	30	U	30	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
86-74-8	Carbazole	31	U	31	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	42.5	170	ug/Kg
206-44-0	Fluoranthene	28	U	28	82.5	170	ug/Kg
129-00-0	Pyrene	29	U	29	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030825.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	24	U	24	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	27	U	27	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	28	U	28	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	27	U	27	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29	U	29	42.5	170	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	33.193		20-120		83	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.102		15-120		89	SPK: -8
4165-62-2	Phenol-d5	32.563		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.645		10-150		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.588		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	33.194		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.061		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.378		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.994		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.708		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.306		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.214		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.619		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	37.468		20-140		94	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.81		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	37.498		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	40.797		10-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.714		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82700	7.76				
1146-65-2	Naphthalene-d8	345333	10.55				
15067-26-2	Acenaphthene-d10	225544	14.39				
1517-22-2	Phenanthrene-d10	452259	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030825.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	363668	21.3				
1520-96-3	Perylene-d12	338688	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SLCS437			SDG No.:	BM070621
Lab Sample ID:	PB137437BS			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
BM030826.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490		7.1	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		45	82.5	330	ug/Kg
110-86-1	Pyridine	960		28	170	330	ug/Kg
108-95-2	Phenol	1200		25	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		28	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		26	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		26	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		28	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		29	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		25	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		27	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		30	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		30	42.5	170	ug/Kg
78-59-1	Isophorone	1300		28	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		28	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	810		29	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		30	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		30	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		30	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1000		31	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		31	42.5	170	ug/Kg
105-60-2	Caprolactam	1400		26	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		27	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		31	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		30	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		26	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		29	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		31	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		29	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		31	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		25	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SLCS437			SDG No.:	BM070621
Lab Sample ID:	PB137437BS			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
BM030826.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1300		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		24	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1300		30	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		31	82.5	330	ug/Kg
83-32-9	Acenaphthene	1300		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		20	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1300		32	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1300		29	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		24	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1300		26	42.5	170	ug/Kg
86-73-7	Fluorene	1300		29	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		30	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		38	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		30	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		28	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		28	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		30	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		31	42.5	170	ug/Kg
1912-24-9	Atrazine	740		30	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1000		30	82.5	330	ug/Kg
85-01-8	Phenanthrene	1300		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1300		34	42.5	170	ug/Kg
120-12-7	Anthracene	1300		30	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		34	42.5	170	ug/Kg
86-74-8	Carbazole	1300		31	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		30	42.5	170	ug/Kg
206-44-0	Fluoranthene	1300		28	82.5	170	ug/Kg
129-00-0	Pyrene	1300		29	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		25	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		26	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1300		29	42.5	170	ug/Kg
218-01-9	Chrysene	1300		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		26	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SLCS437			SDG No.:	BM070621
Lab Sample ID:	PB137437BS			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
BM030826.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1500		24	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		27	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		28	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		27	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		30	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		30	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		31	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		29	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.331		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	27.037		20-120		68	SPK: -40
4165-62-2	Phenol-d5	34.445		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.386		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.171		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.733		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	36.929		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.966		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.398		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.537		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.498		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	39.095		15-120		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.294		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	38.481		20-140		96	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.654		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	36.376		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	38.532		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.413		10-140		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85549	7.76				
1146-65-2	Naphthalene-d8	358165	10.55				
15067-26-2	Acenaphthene-d10	223361	14.4				
1517-22-2	Phenanthrene-d10	421234	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SLCS437			SDG No.:	BM070621
Lab Sample ID:	PB137437BS			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
BM030826.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	351051	21.3				
1520-96-3	Perylene-d12	305923	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22			SDG No.:	BM070621
Lab Sample ID:	M2905-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030827.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.2	U	0.2	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.84	U	0.84	10	10	ug/L
108-95-2	Phenol	0.82	U	0.82	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.86	U	0.86	5	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.93	U	0.93	5	10	ug/L
98-86-2	Acetophenone	0.91	U	0.91	5	10	ug/L
106-44-5	4-Methylphenol	0.76	U	0.76	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.96	U	0.96	2.5	5	ug/L
67-72-1	Hexachloroethane	0.88	U	0.88	2.5	5	ug/L
98-95-3	Nitrobenzene	0.9	U	0.9	2.5	5	ug/L
78-59-1	Isophorone	0.86	U	0.86	2.5	5	ug/L
88-75-5	2-Nitrophenol	0.92	U	0.92	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.82	U	0.82	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.88	U	0.88	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.81	U	0.81	2.5	5	ug/L
91-20-3	Naphthalene	0.89	U	0.89	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.91	U	0.91	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.86	U	0.86	2.5	5	ug/L
105-60-2	Caprolactam	0.84	U	0.84	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	0.84	U	0.84	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	0.66	U	0.66	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.75	U	0.75	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.73	U	0.73	2.5	5	ug/L
92-52-4	1,1-Biphenyl	0.85	U	0.85	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	0.86	U	0.86	2.5	5	ug/L
88-74-4	2-Nitroaniline	0.75	U	0.75	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22			SDG No.:	BM070621
Lab Sample ID:	M2905-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030827.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.88	U	0.88	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	0.73	U	0.73	2.5	5	ug/L
208-96-8	Acenaphthylene	0.82	U	0.82	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5	10	ug/L
83-32-9	Acenaphthene	0.89	U	0.89	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	0.66	U	0.66	5	10	ug/L
100-02-7	4-Nitrophenol	0.81	U	0.81	5	10	ug/L
132-64-9	Dibenzofuran	0.85	U	0.85	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.71	U	0.71	2.5	5	ug/L
84-66-2	Diethylphthalate	0.93	U	0.93	2.5	5	ug/L
86-73-7	Fluorene	0.91	U	0.91	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.91	U	0.91	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.76	U	0.76	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.88	U	0.88	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.86	U	0.86	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.8	U	0.8	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.8	U	0.8	2.5	5	ug/L
1912-24-9	Atrazine	0.84	U	0.84	5	10	ug/L
87-86-5	Pentachlorophenol	0.98	U	0.98	5	10	ug/L
85-01-8	Phenanthrene	0.88	U	0.88	2.5	5	ug/L
608-93-5	Pentachlorobenzene	0.82	U	0.82	2.5	5	ug/L
120-12-7	Anthracene	0.91	U	0.91	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.87	U	0.87	2.5	5	ug/L
86-74-8	Carbazole	0.86	U	0.86	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.79	U	0.79	2.5	5	ug/L
206-44-0	Fluoranthene	0.97	U	0.97	5	5	ug/L
129-00-0	Pyrene	0.93	U	0.93	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.1	U	1.1	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.85	U	0.85	2.5	5	ug/L
218-01-9	Chrysene	0.88	U	0.88	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.94	U	0.94	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22			SDG No.:	BM070621
Lab Sample ID:	M2905-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030827.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	0.92	U	0.92	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	0.83	U	0.83	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	0.84	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.81	U	0.81	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.87	U	0.87	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.988		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	5.164	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.432		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.362		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.147		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	14.792		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	32.555		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.661		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.163		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.906		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.299		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.008		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.816		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	37.433		25-125		94	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.631		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	39.784		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	43.782		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.45		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72982	7.76				
1146-65-2	Naphthalene-d8	299292	10.55				
15067-26-2	Acenaphthene-d10	190190	14.39				
1517-22-2	Phenanthrene-d10	380701	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22			SDG No.:	BM070621
Lab Sample ID:	M2905-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM030827.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	308950	21.3				
1520-96-3	Perylene-d12	291910	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	3.1	J			10.36	
000057-10-3	n-Hexadecanoic acid	2.3	J			18.03	
E966796	Total Alkanes	0.85	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MS			SDG No.:	BM070621
Lab Sample ID:	M2905-06MS			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
BM030828.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6		0.2	0.5	2	ug/L
100-52-7	Benzaldehyde	52		1.4	5	10	ug/L
110-86-1	Pyridine	9	J	0.84	10	10	ug/L
108-95-2	Phenol	11		0.82	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	41		0.86	5	10	ug/L
95-57-8	2-Chlorophenol	34		0.93	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41		0.93	5	10	ug/L
98-86-2	Acetophenone	43		0.91	5	10	ug/L
106-44-5	4-Methylphenol	23		0.76	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	47		0.96	2.5	5	ug/L
67-72-1	Hexachloroethane	36		0.88	2.5	5	ug/L
98-95-3	Nitrobenzene	43		0.9	2.5	5	ug/L
78-59-1	Isophorone	47		0.86	2.5	5	ug/L
88-75-5	2-Nitrophenol	43		0.92	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	33		0.82	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	44		0.88	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	41		0.81	2.5	5	ug/L
91-20-3	Naphthalene	41		0.89	2.5	5	ug/L
106-47-8	4-Chloroaniline	36		0.91	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	38		0.86	2.5	5	ug/L
105-60-2	Caprolactam	6.1	J	0.84	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41		0.84	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	42		0.9	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	44		0.84	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		0.66	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		0.75	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46		0.73	2.5	5	ug/L
92-52-4	1,1-Biphenyl	43		0.85	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	43		0.86	2.5	5	ug/L
88-74-4	2-Nitroaniline	55		0.75	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MS			SDG No.:	BM070621
Lab Sample ID:	M2905-06MS			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
BM030828.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	51		0.88	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	57		0.73	2.5	5	ug/L
208-96-8	Acenaphthylene	48		0.82	2.5	5	ug/L
99-09-2	3-Nitroaniline	49		0.85	5	10	ug/L
83-32-9	Acenaphthene	46		0.89	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	51		0.66	5	10	ug/L
100-02-7	4-Nitrophenol	13		0.81	5	10	ug/L
132-64-9	Dibenzofuran	48		0.85	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	60		0.71	2.5	5	ug/L
84-66-2	Diethylphthalate	55		0.93	2.5	5	ug/L
86-73-7	Fluorene	51		0.91	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50		0.91	2.5	5	ug/L
100-01-6	4-Nitroaniline	59		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50		0.76	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	47		0.88	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48		0.86	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41		0.8	2.5	5	ug/L
118-74-1	Hexachlorobenzene	50		0.8	2.5	5	ug/L
1912-24-9	Atrazine	52		0.84	5	10	ug/L
87-86-5	Pentachlorophenol	50		0.98	5	10	ug/L
85-01-8	Phenanthrene	50		0.88	2.5	5	ug/L
608-93-5	Pentachlorobenzene	41		0.82	2.5	5	ug/L
120-12-7	Anthracene	50		0.91	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	36		0.87	2.5	5	ug/L
86-74-8	Carbazole	53		0.86	5	10	ug/L
84-74-2	Di-n-butylphthalate	58		0.79	2.5	5	ug/L
206-44-0	Fluoranthene	49		0.97	5	5	ug/L
129-00-0	Pyrene	49		0.93	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	59		1.1	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	48		0.95	5	10	ug/L
56-55-3	Benzo(a)anthracene	51		0.85	2.5	5	ug/L
218-01-9	Chrysene	50		0.88	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63		0.94	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:			Date Collected:	6/29/2021 12:00:00 AM	
Project:			Date Received:	6/29/2021 12:00:00 AM	
Client Sample ID:	DBK22MS		SDG No.:	BM070621	
Lab Sample ID:	M2905-06MS		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
BM030828.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	66		0.92	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	55		0.83	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	55		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	51		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47		0.84	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47		0.81	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		0.85	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55		0.87	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.933		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	8.555		20-120		21	SPK: -40
4165-62-2	Phenol-d5	8.834		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.975		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.753		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	20.356		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	39.395		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.439		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.267		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.019		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	46.835		25-130		117	SPK: -40
93951-97-4	Acenaphthylene-d8	42.771		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.251		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	45.322		25-125		113	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.687		10-130		112	SPK: -40
1719-06-8	Anthracene-d10	45.599		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	45.289		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.013		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82234	7.76				
1146-65-2	Naphthalene-d8	363332	10.55				
15067-26-2	Acenaphthene-d10	246139	14.4				
1517-22-2	Phenanthrene-d10	528253	17.14				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MS			SDG No.:	BM070621
Lab Sample ID:	M2905-06MS			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
BM030828.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	508476	21.3				
1520-96-3	Perylene-d12	389495	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.85	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MSD			SDG No.:	BM070621
Lab Sample ID:	M2905-07MSD			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
BM030829.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5		0.2	0.5	2	ug/L
100-52-7	Benzaldehyde	50		1.4	5	10	ug/L
110-86-1	Pyridine	9.4	J	0.84	10	10	ug/L
108-95-2	Phenol	10		0.82	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	40		0.86	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.93	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		0.93	5	10	ug/L
98-86-2	Acetophenone	41		0.91	5	10	ug/L
106-44-5	4-Methylphenol	23		0.76	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	45		0.96	2.5	5	ug/L
67-72-1	Hexachloroethane	36		0.88	2.5	5	ug/L
98-95-3	Nitrobenzene	43		0.9	2.5	5	ug/L
78-59-1	Isophorone	45		0.86	2.5	5	ug/L
88-75-5	2-Nitrophenol	44		0.92	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	33		0.82	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	44		0.88	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	40		0.81	2.5	5	ug/L
91-20-3	Naphthalene	41		0.89	2.5	5	ug/L
106-47-8	4-Chloroaniline	35		0.91	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	38		0.86	2.5	5	ug/L
105-60-2	Caprolactam	5.9	J	0.84	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41		0.84	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	42		0.9	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	44		0.84	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	29		0.66	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		0.75	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47		0.73	2.5	5	ug/L
92-52-4	1,1-Biphenyl	44		0.85	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	43		0.86	2.5	5	ug/L
88-74-4	2-Nitroaniline	54		0.75	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/29/2021 12:00:00 AM
Project:		Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MSD	SDG No.:	BM070621
Lab Sample ID:	M2905-07MSD	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
BM030829.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	51		0.88	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	56		0.73	2.5	5	ug/L
208-96-8	Acenaphthylene	47		0.82	2.5	5	ug/L
99-09-2	3-Nitroaniline	48		0.85	5	10	ug/L
83-32-9	Acenaphthene	46		0.89	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	48		0.66	5	10	ug/L
100-02-7	4-Nitrophenol	12		0.81	5	10	ug/L
132-64-9	Dibenzofuran	47		0.85	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	57		0.71	2.5	5	ug/L
84-66-2	Diethylphthalate	53		0.93	2.5	5	ug/L
86-73-7	Fluorene	49		0.91	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50		0.91	2.5	5	ug/L
100-01-6	4-Nitroaniline	56		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49		0.76	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	48		0.88	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49		0.86	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43		0.8	2.5	5	ug/L
118-74-1	Hexachlorobenzene	50		0.8	2.5	5	ug/L
1912-24-9	Atrazine	51		0.84	5	10	ug/L
87-86-5	Pentachlorophenol	49		0.98	5	10	ug/L
85-01-8	Phenanthrene	50		0.88	2.5	5	ug/L
608-93-5	Pentachlorobenzene	42		0.82	2.5	5	ug/L
120-12-7	Anthracene	49		0.91	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	39		0.87	2.5	5	ug/L
86-74-8	Carbazole	51		0.86	5	10	ug/L
84-74-2	Di-n-butylphthalate	55		0.79	2.5	5	ug/L
206-44-0	Fluoranthene	53		0.97	5	5	ug/L
129-00-0	Pyrene	53		0.93	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	57		1.1	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	45		0.95	5	10	ug/L
56-55-3	Benzo(a)anthracene	50		0.85	2.5	5	ug/L
218-01-9	Chrysene	49		0.88	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58		0.94	2.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MSD			SDG No.:	BM070621
Lab Sample ID:	M2905-07MSD			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
BM030829.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	57		0.92	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	53		0.83	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	51		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	50		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50		0.84	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50		0.81	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50		0.85	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53		0.87	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.606		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	7.956		20-120		20	SPK: -40
4165-62-2	Phenol-d5	8.636		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.248		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.674		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	19.665		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	39.479		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.323		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.626		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.229		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.945		25-130		115	SPK: -40
93951-97-4	Acenaphthylene-d8	42.725		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.393		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	44.57		25-125		111	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.877		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	44.942		25-130		112	SPK: -40
1718-52-1	Pyrene-d10	48.479		15-130		121	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.666		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80688	7.76				
1146-65-2	Naphthalene-d8	345373	10.55				
15067-26-2	Acenaphthene-d10	227908	14.39				
1517-22-2	Phenanthrene-d10	466025	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK22MSD			SDG No.:	BM070621
Lab Sample ID:	M2905-07MSD			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
BM030829.D	1	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	386962	21.3				
1520-96-3	Perylene-d12	318814	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.85	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/22/2021 12:00:00 AM
Project:				Date Received:	6/22/2021 12:00:00 AM
Client Sample ID:	BGDR3			SDG No.:	BM070621
Lab Sample ID:	M2825-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	69.8
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
BM030830.D	1	6/29/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	21.8	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	92	U	92	540	1100	ug/Kg
108-95-2	Phenol	83	U	83	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	92	U	92	270	1100	ug/Kg
95-57-8	2-Chlorophenol	86	U	86	140	560	ug/Kg
95-48-7	2-Methylphenol	86	U	86	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	270	1100	ug/Kg
98-86-2	Acetophenone	96	U	96	270	1100	ug/Kg
106-44-5	4-Methylphenol	83	U	83	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	140	560	ug/Kg
67-72-1	Hexachloroethane	99	U	99	140	560	ug/Kg
98-95-3	Nitrobenzene	99	U	99	140	560	ug/Kg
78-59-1	Isophorone	92	U	92	140	560	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	140	560	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	140	560	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	99	U	99	140	560	ug/Kg
120-83-2	2,4-Dichlorophenol	99	U	99	140	560	ug/Kg
91-20-3	Naphthalene	99	U	99	140	560	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	140	560	ug/Kg
105-60-2	Caprolactam	86	U	86	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	140	560	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	140	560	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	140	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	140	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	140	560	ug/Kg
92-52-4	1,1-Biphenyl	96	U	96	140	560	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	140	560	ug/Kg
88-74-4	2-Nitroaniline	83	U	83	140	560	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/22/2021 12:00:00 AM
Project:				Date Received:	6/22/2021 12:00:00 AM
Client Sample ID:	BGDR3			SDG No.:	BM070621
Lab Sample ID:	M2825-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	69.8
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
BM030830.D	1	6/29/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	96	U	96	140	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	79	U	79	140	560	ug/Kg
208-96-8	Acenaphthylene	99	U	99	140	560	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	270	1100	ug/Kg
83-32-9	Acenaphthene	96	U	96	140	560	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	270	1100	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	1100	ug/Kg
132-64-9	Dibenzofuran	96	U	96	140	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	140	560	ug/Kg
84-66-2	Diethylphthalate	86	U	86	140	560	ug/Kg
86-73-7	Fluorene	96	U	96	140	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99	U	99	140	560	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	140	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92	U	92	140	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	140	560	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	560	ug/Kg
1912-24-9	Atrazine	99	U	99	270	1100	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	270	1100	ug/Kg
85-01-8	Phenanthrene	96	U	96	140	560	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	140	560	ug/Kg
120-12-7	Anthracene	99	U	99	140	560	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	140	560	ug/Kg
86-74-8	Carbazole	100	U	100	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	99	U	99	140	560	ug/Kg
206-44-0	Fluoranthene	92	U	92	270	560	ug/Kg
129-00-0	Pyrene	96	U	96	140	560	ug/Kg
85-68-7	Butylbenzylphthalate	83	U	83	140	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	86	U	86	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	96	U	96	140	560	ug/Kg
218-01-9	Chrysene	100	U	100	140	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86	U	86	140	560	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/22/2021 12:00:00 AM
Project:				Date Received:	6/22/2021 12:00:00 AM
Client Sample ID:	BGDR3			SDG No.:	BM070621
Lab Sample ID:	M2825-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	69.8
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
BM030830.D	1	6/29/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	79	U	79	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	U	89	140	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	U	92	140	560	ug/Kg
50-32-8	Benzo(a)pyrene	89	U	89	140	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	U	99	140	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	U	99	140	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96	U	96	140	560	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.919	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	1.145	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	13.257		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.944		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.932		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.93		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.379		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.185		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.99		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.22		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.61		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	14.924		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.251		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	16.578		20-140		41	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.894		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	16.658		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.513		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.204		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82647	7.76				
1146-65-2	Naphthalene-d8	343783	10.55				
15067-26-2	Acenaphthene-d10	230363	14.39				
1517-22-2	Phenanthrene-d10	489152	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/22/2021 12:00:00 AM
Project:				Date Received:	6/22/2021 12:00:00 AM
Client Sample ID:	BGDR3			SDG No.:	BM070621
Lab Sample ID:	M2825-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	69.8
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
BM030830.D	1	6/29/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	435745	21.3				
1520-96-3	Perylene-d12	366260	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
1000324-48-6	Adipic acid, 2-ethylhexyl octyl es	600	J			20.52	
E966796	Total Alkanes	96	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX1DL			SDG No.:	BM070621
Lab Sample ID:	M2869-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28
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
BM030831.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	18.3	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	230	910	ug/Kg
110-86-1	Pyridine	78	U	78	460	910	ug/Kg
108-95-2	Phenol	69	U	69	230	910	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	230	910	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	120	470	ug/Kg
95-48-7	2-Methylphenol	72	U	72	230	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	230	910	ug/Kg
98-86-2	Acetophenone	80	U	80	230	910	ug/Kg
106-44-5	4-Methylphenol	69	U	69	230	910	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	120	470	ug/Kg
67-72-1	Hexachloroethane	83	U	83	120	470	ug/Kg
98-95-3	Nitrobenzene	83	U	83	120	470	ug/Kg
78-59-1	Isophorone	78	U	78	120	470	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	80	U	80	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	83	U	83	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	83	U	83	120	470	ug/Kg
91-20-3	Naphthalene	83	U	83	120	470	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	120	910	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	120	470	ug/Kg
105-60-2	Caprolactam	72	U	72	230	910	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	86	U	86	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	83	U	83	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	72	U	72	230	910	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86	U	86	120	470	ug/Kg
92-52-4	1,1-Biphenyl	80	U	80	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	120	470	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	120	470	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX1DL			SDG No.:	BM070621
Lab Sample ID:	M2869-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28
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
BM030831.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	200	JD	80	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	120	470	ug/Kg
208-96-8	Acenaphthylene	83	U	83	120	470	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	230	910	ug/Kg
83-32-9	Acenaphthene	470	D	80	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	230	910	ug/Kg
100-02-7	4-Nitrophenol	89	U	89	230	910	ug/Kg
132-64-9	Dibenzofuran	80	U	80	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	120	470	ug/Kg
84-66-2	Diethylphthalate	72	U	72	120	470	ug/Kg
86-73-7	Fluorene	470	D	80	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	83	U	83	120	470	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	230	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	230	910	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	83	U	83	120	470	ug/Kg
118-74-1	Hexachlorobenzene	86	U	86	120	470	ug/Kg
1912-24-9	Atrazine	83	U	83	230	910	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	230	910	ug/Kg
85-01-8	Phenanthrene	3900	D	80	120	470	ug/Kg
608-93-5	Pentachlorobenzene	94	U	94	120	470	ug/Kg
120-12-7	Anthracene	1300	D	83	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	94	U	94	120	470	ug/Kg
86-74-8	Carbazole	86	U	86	230	910	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	120	470	ug/Kg
206-44-0	Fluoranthene	3500	D	78	230	470	ug/Kg
129-00-0	Pyrene	2300	D	80	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	230	910	ug/Kg
56-55-3	Benzo(a)anthracene	1800	D	80	120	470	ug/Kg
218-01-9	Chrysene	1400	D	86	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	U	72	120	470	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX1DL			SDG No.:	BM070621
Lab Sample ID:	M2869-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28
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
BM030831.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	66	U	66	230	910	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	D	75	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	D	78	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	930	D	75	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	D	83	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	JD	83	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80	U	80	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.384		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	4.348	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	9.102		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.59		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.204		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.632		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	9.844		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.642		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.036		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.574		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.714		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	10.802		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.752	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	11.802		20-140		30	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.216		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	12.378		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	10.82		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.276		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88864	7.76				
1146-65-2	Naphthalene-d8	351966	10.55				
15067-26-2	Acenaphthene-d10	205315	14.39				
1517-22-2	Phenanthrene-d10	385448	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX1DL			SDG No.:	BM070621
Lab Sample ID:	M2869-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28
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
BM030831.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	381381	21.3				
1520-96-3	Perylene-d12	413878	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	200	JD			15.74	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	270	JD			15.89	
001730-37-6	9H-Fluorene, 1-methyl-	220	JD			16.44	
000234-41-3	Naphtho[1,2-b]thiophene	250	JD			16.96	
002531-84-2	Phenanthrene, 2-methyl-	560	JD			18	
000832-69-9	Phenanthrene, 1-methyl-	700	JD			18.05	
000613-12-7	Anthracene, 2-methyl-	410	JD			18.13	
000203-64-5	4H-Cyclopenta[def]phenanthrene	980	JD			18.2	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	280	JD			18.24	
000612-94-2	Naphthalene, 2-phenyl-	350	JD			18.51	
000781-43-1	9,10-Dimethylanthracene	350	JD			18.92	
000238-84-6	11H-Benzo[a]fluorene	200	JD			19.87	
000243-17-4	11H-Benzo[b]fluorene	320	JD			20.04	
002381-21-7	Pyrene, 1-methyl-	330	JD			20.14	
003442-78-2	Pyrene, 2-methyl-	200	JD			20.2	
000192-97-2	Benzo[e]pyrene	380	JD			23.04	
000205-82-3	Benzo[j]fluoranthene	330	JD			23.35	
E966796	Total Alkanes	80	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030832.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	17.5	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	870	ug/Kg
110-86-1	Pyridine	74	U	74	440	870	ug/Kg
108-95-2	Phenol	66	U	66	220	870	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	220	870	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	110	450	ug/Kg
95-48-7	2-Methylphenol	69	U	69	220	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	220	870	ug/Kg
98-86-2	Acetophenone	77	U	77	220	870	ug/Kg
106-44-5	4-Methylphenol	66	U	66	220	870	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	110	450	ug/Kg
67-72-1	Hexachloroethane	79	U	79	110	450	ug/Kg
98-95-3	Nitrobenzene	79	U	79	110	450	ug/Kg
78-59-1	Isophorone	74	U	74	110	450	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	77	U	77	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	110	450	ug/Kg
91-20-3	Naphthalene	370	JD	79	110	450	ug/Kg
106-47-8	4-Chloroaniline	82	U	82	110	870	ug/Kg
87-68-3	Hexachlorobutadiene	82	U	82	110	450	ug/Kg
105-60-2	Caprolactam	69	U	69	220	870	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	82	U	82	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	79	U	79	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	69	U	69	220	870	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	110	450	ug/Kg
92-52-4	1,1-Biphenyl	77	U	77	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	82	U	82	110	450	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	110	450	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030832.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	260	JD	77	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	450	ug/Kg
208-96-8	Acenaphthylene	250	JD	79	110	450	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	220	870	ug/Kg
83-32-9	Acenaphthene	2600	D	77	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	220	870	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	220	870	ug/Kg
132-64-9	Dibenzofuran	1200	D	77	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	110	450	ug/Kg
84-66-2	Diethylphthalate	69	U	69	110	450	ug/Kg
86-73-7	Fluorene	2600	D	77	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	79	U	79	110	450	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	220	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	220	870	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	79	110	450	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	110	450	ug/Kg
1912-24-9	Atrazine	79	U	79	220	870	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	220	870	ug/Kg
85-01-8	Phenanthrene	15000	ED	77	110	450	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	110	450	ug/Kg
120-12-7	Anthracene	5200	D	79	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	90	U	90	110	450	ug/Kg
86-74-8	Carbazole	82	U	82	220	870	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	110	450	ug/Kg
206-44-0	Fluoranthene	14000	ED	74	220	450	ug/Kg
129-00-0	Pyrene	9200	ED	77	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	220	870	ug/Kg
56-55-3	Benzo(a)anthracene	5900	D	77	110	450	ug/Kg
218-01-9	Chrysene	4400	D	82	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	U	69	110	450	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030832.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	64	U	64	220	870	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800	D	71	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	D	74	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	3500	D	71	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	D	79	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670	D	79	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	JD	82	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77	U	77	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.51		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	5.932	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	13.02		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.048		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.062		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.154		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	13.53		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.002		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.314		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.284		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.748		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	14.456		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.788		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	15.74		20-140		39	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.11		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	15.192		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	16.114		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.48		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125647	7.76				
1146-65-2	Naphthalene-d8	526811	10.55				
15067-26-2	Acenaphthene-d10	349359	14.39				
1517-22-2	Phenanthrene-d10	709882	17.14				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030832.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	533618	21.3				
1520-96-3	Perylene-d12	509516	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	590	JD			13.57	
000581-40-8	Naphthalene, 2,3-dimethyl-	620	JD			13.72	
000575-41-7	Naphthalene, 1,3-dimethyl-	290	JD			13.95	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	260	JD			14.87	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	290	JD			15.01	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	290	JD			15.18	
000954-21-2	Nordiphenamid	400	JD			15.69	
007320-53-8	Dibenzofuran, 4-methyl-	790	JD			15.73	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1200	JD			15.88	
001430-97-3	9H-Fluorene, 2-methyl-	840	JD			16.44	
001730-37-6	9H-Fluorene, 1-methyl-	310	JD			16.59	
	unknown-01	500	JD			16.67	
019540-84-2	4a,9a-Methano-9H-fluorene	360	JD			16.8	
1000351-56-0	Benzo[b]benzofuran-2-carboxaldehyd	390	JD			16.87	
000132-65-0	Dibenzothiophene	1000	JD			16.95	
002531-84-2	Phenanthrene, 2-methyl-	1700	JD			18.01	
000832-69-9	Phenanthrene, 1-methyl-	2200	JD			18.06	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	1400	JD			18.14	
000203-64-5	4H-Cyclopenta[def]phenanthrene	3200	JD			18.2	
000779-02-2	Anthracene, 9-methyl-	880	JD			18.24	
000136-36-7	1,3-Benzenediol, monobenzoate	490	JD			18.46	
000612-94-2	Naphthalene, 2-phenyl-	1100	JD			18.51	
000781-43-1	9,10-Dimethylanthracene	1000	JD			18.92	
006232-48-0	Acephenanthrylene, 4,5-dihydro-	520	JD			18.99	
000243-17-4	11H-Benzo[b]fluorene	530	JD			20.04	
002381-21-7	Pyrene, 1-methyl-	540	JD			20.14	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	1100	JD			20.52	
1000080-17-7	7,12-Dihydrobenzo[k]fluoranthene	440	JD			22.63	
000192-97-2	Benzo[e]pyrene	1400	JD			23.04	

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030832.D	2	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	1500	JD			23.36	
000215-58-7	Benzo[b]triphenylene	590	JD			26.08	
E966796	Total Alkanes	77	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL2			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030833.D	10	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	94	U	94	87.4	880	ug/Kg
100-52-7	Benzaldehyde	600	U	600	1100	4400	ug/Kg
110-86-1	Pyridine	370	U	370	2200	4400	ug/Kg
108-95-2	Phenol	330	U	330	1100	4400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	370	U	370	1100	4400	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	560	2300	ug/Kg
95-48-7	2-Methylphenol	340	U	340	1100	4400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	370	1100	4400	ug/Kg
98-86-2	Acetophenone	380	U	380	1100	4400	ug/Kg
106-44-5	4-Methylphenol	330	U	330	1100	4400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	360	U	360	560	2300	ug/Kg
67-72-1	Hexachloroethane	400	U	400	560	2300	ug/Kg
98-95-3	Nitrobenzene	400	U	400	560	2300	ug/Kg
78-59-1	Isophorone	370	U	370	560	2300	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	560	2300	ug/Kg
105-67-9	2,4-Dimethylphenol	380	U	380	560	2300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	400	U	400	560	2300	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	400	560	2300	ug/Kg
91-20-3	Naphthalene	400	U	400	560	2300	ug/Kg
106-47-8	4-Chloroaniline	410	U	410	560	4400	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	560	2300	ug/Kg
105-60-2	Caprolactam	340	U	340	1100	4400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	360	U	360	560	2300	ug/Kg
90-12-0	1-Methylnaphthalene	410	U	410	560	2300	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	400	560	2300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	340	U	340	1100	4400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380	U	380	560	2300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	410	560	2300	ug/Kg
92-52-4	1,1-Biphenyl	380	U	380	560	2300	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	410	560	2300	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	560	2300	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL2			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030833.D	10	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	380	U	380	560	2300	ug/Kg
606-20-2	2,6-Dinitrotoluene	320	U	320	560	2300	ug/Kg
208-96-8	Acenaphthylene	400	U	400	560	2300	ug/Kg
99-09-2	3-Nitroaniline	410	U	410	1100	4400	ug/Kg
83-32-9	Acenaphthene	2600	D	380	560	2300	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	1100	4400	ug/Kg
100-02-7	4-Nitrophenol	420	U	420	1100	4400	ug/Kg
132-64-9	Dibenzofuran	1100	JD	380	560	2300	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	560	2300	ug/Kg
84-66-2	Diethylphthalate	340	U	340	560	2300	ug/Kg
86-73-7	Fluorene	2500	D	380	560	2300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	400	560	2300	ug/Kg
100-01-6	4-Nitroaniline	500	U	500	1100	4400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	1100	4400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	370	U	370	560	2300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	370	560	2300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	560	2300	ug/Kg
118-74-1	Hexachlorobenzene	410	U	410	560	2300	ug/Kg
1912-24-9	Atrazine	400	U	400	1100	4400	ug/Kg
87-86-5	Pentachlorophenol	400	U	400	1100	4400	ug/Kg
85-01-8	Phenanthrene	14000	D	380	560	2300	ug/Kg
608-93-5	Pentachlorobenzene	450	U	450	560	2300	ug/Kg
120-12-7	Anthracene	4800	D	400	560	2300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	450	U	450	560	2300	ug/Kg
86-74-8	Carbazole	410	U	410	1100	4400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	400	560	2300	ug/Kg
206-44-0	Fluoranthene	13000	D	370	1100	2300	ug/Kg
129-00-0	Pyrene	8900	D	380	560	2300	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	560	2300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	1100	4400	ug/Kg
56-55-3	Benzo(a)anthracene	5700	D	380	560	2300	ug/Kg
218-01-9	Chrysene	4500	D	410	560	2300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340	U	340	560	2300	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL2			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030833.D	10	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	320	U	320	1100	4400	ug/Kg
205-99-2	Benzo(b)fluoranthene	5100	D	360	560	2300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	JD	370	560	2300	ug/Kg
50-32-8	Benzo(a)pyrene	3400	D	360	560	2300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700	JD	400	560	2300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	650	JD	400	560	2300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	410	560	2300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	560	2300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.59		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.25		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.1		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.49		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.49		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.65		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.38		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.54		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.6		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.93		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	12.82		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	15.12		20-140		38	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.04	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	15.89		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	16.13		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.01		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112868	7.76				
1146-65-2	Naphthalene-d8	469575	10.55				
15067-26-2	Acenaphthene-d10	307770	14.39				
1517-22-2	Phenanthrene-d10	628608	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX5DL2			SDG No.:	BM070621
Lab Sample ID:	M2869-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.7
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
BM030833.D	10	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	486660	21.3				
1520-96-3	Perylene-d12	461014	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1100	JD			15.88	
000233-02-3	Naphtho[2,1-b]thiophene	1000	JD			16.95	
002531-84-2	Phenanthrene, 2-methyl-	1800	JD			18	
000832-69-9	Phenanthrene, 1-methyl-	2300	JD			18.05	
	unknown-01	1400	JD			18.13	
000203-64-5	4H-Cyclopenta[def]phenanthrene	3200	JD			18.2	
000613-12-7	Anthracene, 2-methyl-	930	JD			18.24	
000612-94-2	Naphthalene, 2-phenyl-	1100	JD			18.51	
000781-92-0	Anthracene, 1,4-dimethyl-	940	JD			18.92	
000243-17-4	11H-Benzo[b]fluorene	1900	JD			20.04	
033543-31-6	Fluoranthene, 2-methyl-	1400	JD			20.14	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	2700	JD			20.52	
000192-97-2	Benzo[e]pyrene	1100	JD			23.04	
E966796	Total Alkanes	380	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX4DL			SDG No.:	BM070621
Lab Sample ID:	M2869-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.2
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
BM030834.D	5	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	43.4	440	ug/Kg
100-52-7	Benzaldehyde	300	U	300	540	2200	ug/Kg
110-86-1	Pyridine	180	U	180	1100	2200	ug/Kg
108-95-2	Phenol	160	U	160	540	2200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	180	U	180	540	2200	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	280	1100	ug/Kg
95-48-7	2-Methylphenol	170	U	170	540	2200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	540	2200	ug/Kg
98-86-2	Acetophenone	190	U	190	540	2200	ug/Kg
106-44-5	4-Methylphenol	160	U	160	540	2200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	280	1100	ug/Kg
67-72-1	Hexachloroethane	200	U	200	280	1100	ug/Kg
98-95-3	Nitrobenzene	200	U	200	280	1100	ug/Kg
78-59-1	Isophorone	180	U	180	280	1100	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	280	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	280	1100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	200	U	200	280	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	280	1100	ug/Kg
91-20-3	Naphthalene	200	U	200	280	1100	ug/Kg
106-47-8	4-Chloroaniline	200	U	200	280	2200	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	280	1100	ug/Kg
105-60-2	Caprolactam	170	U	170	540	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	280	1100	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	280	1100	ug/Kg
91-57-6	2-Methylnaphthalene	200	U	200	280	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	540	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	280	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	200	U	200	280	1100	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	1100	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	200	280	1100	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	280	1100	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX4DL			SDG No.:	BM070621
Lab Sample ID:	M2869-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.2
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
BM030834.D	5	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	190	U	190	280	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	280	1100	ug/Kg
208-96-8	Acenaphthylene	200	U	200	280	1100	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	540	2200	ug/Kg
83-32-9	Acenaphthene	550	JD	190	280	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	540	2200	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	540	2200	ug/Kg
132-64-9	Dibenzofuran	190	U	190	280	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	280	1100	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	1100	ug/Kg
86-73-7	Fluorene	540	JD	190	280	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200	U	200	280	1100	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	540	2200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	540	2200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	180	U	180	280	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	280	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	280	1100	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	280	1100	ug/Kg
1912-24-9	Atrazine	200	U	200	540	2200	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	540	2200	ug/Kg
85-01-8	Phenanthrene	4400	D	190	280	1100	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	280	1100	ug/Kg
120-12-7	Anthracene	1600	D	200	280	1100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	220	U	220	280	1100	ug/Kg
86-74-8	Carbazole	200	U	200	540	2200	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	280	1100	ug/Kg
206-44-0	Fluoranthene	6400	D	180	540	1100	ug/Kg
129-00-0	Pyrene	4400	D	190	280	1100	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	280	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	540	2200	ug/Kg
56-55-3	Benzo(a)anthracene	3000	D	190	280	1100	ug/Kg
218-01-9	Chrysene	2500	D	200	280	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	280	1100	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX4DL			SDG No.:	BM070621
Lab Sample ID:	M2869-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.2
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
BM030834.D	5	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	160	U	160	540	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	D	180	280	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	900	JD	180	280	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1700	D	180	280	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	JD	200	280	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	JD	200	280	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	280	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	280	1100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.755		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.93		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.22		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.2		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	9.08		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	9.545		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.81		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.455		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.255		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.67		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	10.73		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	12.92		20-140		32	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.81	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	12.865		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	13.59		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.135		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112546	7.76				
1146-65-2	Naphthalene-d8	466987	10.55				
15067-26-2	Acenaphthene-d10	308738	14.39				
1517-22-2	Phenanthrene-d10	629600	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDX4DL			SDG No.:	BM070621
Lab Sample ID:	M2869-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.2
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
BM030834.D	5	6/30/2021 12:00:00 AM	7/6/2021 12:00:00 AM	PB137439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	489905	21.3				
1520-96-3	Perylene-d12	444822	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	810	JD			18	
000832-64-4	Phenanthrene, 4-methyl-	960	JD			18.05	
000613-12-7	Anthracene, 2-methyl-	630	JD			18.13	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	JD			18.2	
000612-94-2	Naphthalene, 2-phenyl-	500	JD			18.51	
002789-88-0	di-p-Tolylacetylene	520	JD			18.92	
002381-21-7	Pyrene, 1-methyl-	480	JD			19.87	
000243-17-4	11H-Benzo[b]fluorene	770	JD			20.04	
000238-84-6	11H-Benzo[a]fluorene	680	JD			20.14	
000192-97-2	Benzo[e]pyrene	680	JD			23.04	
000198-55-0	Perylene	690	JD			23.35	
E966796	Total Alkanes	190	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK38DL			SDG No.:	BM070621
Lab Sample ID:	M2905-15DL			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
BM030835.D	5	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	2.5	10	ug/L
100-52-7	Benzaldehyde	7	U	7	25	50	ug/L
110-86-1	Pyridine	4.2	U	4.2	50	50	ug/L
108-95-2	Phenol	4.1	U	4.1	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.3	U	4.3	25	50	ug/L
95-57-8	2-Chlorophenol	4.65	U	4.65	12.5	25	ug/L
95-48-7	2-Methylphenol	4.1	U	4.1	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.65	U	4.65	25	50	ug/L
98-86-2	Acetophenone	4.55	U	4.55	25	50	ug/L
106-44-5	4-Methylphenol	3.8	U	3.8	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.8	U	4.8	12.5	25	ug/L
67-72-1	Hexachloroethane	4.4	U	4.4	12.5	25	ug/L
98-95-3	Nitrobenzene	4.5	U	4.5	12.5	25	ug/L
78-59-1	Isophorone	4.3	U	4.3	12.5	25	ug/L
88-75-5	2-Nitrophenol	4.6	U	4.6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	4.1	U	4.1	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.4	U	4.4	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	4.05	U	4.05	12.5	25	ug/L
91-20-3	Naphthalene	4.45	U	4.45	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.55	U	4.55	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	4.3	U	4.3	12.5	25	ug/L
105-60-2	Caprolactam	4.2	U	4.2	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	U	4.2	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	4.5	U	4.5	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	4.2	U	4.2	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	3.75	U	3.75	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	3.65	U	3.65	12.5	25	ug/L
92-52-4	1,1-Biphenyl	4.25	U	4.25	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	4.3	U	4.3	12.5	25	ug/L
88-74-4	2-Nitroaniline	3.75	U	3.75	12.5	25	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK38DL			SDG No.:	BM070621
Lab Sample ID:	M2905-15DL			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
BM030835.D	5	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.4	U	4.4	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	3.65	U	3.65	12.5	25	ug/L
208-96-8	Acenaphthylene	4.1	U	4.1	12.5	25	ug/L
99-09-2	3-Nitroaniline	4.25	U	4.25	25	50	ug/L
83-32-9	Acenaphthene	4.45	U	4.45	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	3.3	U	3.3	25	50	ug/L
100-02-7	4-Nitrophenol	4.05	U	4.05	25	50	ug/L
132-64-9	Dibenzofuran	4.25	U	4.25	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	3.55	U	3.55	12.5	25	ug/L
84-66-2	Diethylphthalate	4.65	U	4.65	12.5	25	ug/L
86-73-7	Fluorene	4.55	U	4.55	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.55	U	4.55	12.5	25	ug/L
100-01-6	4-Nitroaniline	6	U	6	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.8	U	3.8	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	4.4	U	4.4	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.3	U	4.3	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4	U	4	12.5	25	ug/L
118-74-1	Hexachlorobenzene	4	U	4	12.5	25	ug/L
1912-24-9	Atrazine	4.2	U	4.2	25	50	ug/L
87-86-5	Pentachlorophenol	120	D	4.9	25	50	ug/L
85-01-8	Phenanthrene	4.4	U	4.4	12.5	25	ug/L
608-93-5	Pentachlorobenzene	4.1	U	4.1	12.5	25	ug/L
120-12-7	Anthracene	4.55	U	4.55	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.35	U	4.35	12.5	25	ug/L
86-74-8	Carbazole	4.3	U	4.3	25	50	ug/L
84-74-2	Di-n-butylphthalate	3.95	U	3.95	12.5	25	ug/L
206-44-0	Fluoranthene	4.85	U	4.85	25	25	ug/L
129-00-0	Pyrene	4.65	U	4.65	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	5.5	U	5.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	4.75	U	4.75	25	50	ug/L
56-55-3	Benzo(a)anthracene	4.25	U	4.25	12.5	25	ug/L
218-01-9	Chrysene	4.4	U	4.4	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.7	U	4.7	12.5	25	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK38DL			SDG No.:	BM070621
Lab Sample ID:	M2905-15DL			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
BM030835.D	5	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4.6	U	4.6	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	4.15	U	4.15	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	5.5	U	5.5	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	U	4.2	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.05	U	4.05	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	4.25	U	4.25	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.35	U	4.35	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	6.885	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.2		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.85		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.435		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	12.545		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	26.525		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.33		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.6		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.11		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.51		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	28.585		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.315	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	31.12		25-125		78	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.11		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	34.485		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	39.56		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.81		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110258	7.76				
1146-65-2	Naphthalene-d8	454185	10.55				
15067-26-2	Acenaphthene-d10	297848	14.39				
1517-22-2	Phenanthrene-d10	604866	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK38DL			SDG No.:	BM070621
Lab Sample ID:	M2905-15DL			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
BM030835.D	5	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	464078	21.3				
1520-96-3	Perylene-d12	443614	23.55				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.25	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/29/2021 12:00:00 AM
Project:		Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK24DL	SDG No.:	BM070621
Lab Sample ID:	M2905-08DL	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
BM030836.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.4	U	8.4	100	100	ug/L
108-95-2	Phenol	8.2	U	8.2	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	8.6	U	8.6	50	100	ug/L
95-57-8	2-Chlorophenol	9.3	U	9.3	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.3	U	9.3	50	100	ug/L
98-86-2	Acetophenone	9.1	U	9.1	50	100	ug/L
106-44-5	4-Methylphenol	7.6	U	7.6	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.6	U	9.6	25	50	ug/L
67-72-1	Hexachloroethane	8.8	U	8.8	25	50	ug/L
98-95-3	Nitrobenzene	9	U	9	25	50	ug/L
78-59-1	Isophorone	8.6	U	8.6	25	50	ug/L
88-75-5	2-Nitrophenol	9.2	U	9.2	25	50	ug/L
105-67-9	2,4-Dimethylphenol	8.2	U	8.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	8.8	U	8.8	25	50	ug/L
120-83-2	2,4-Dichlorophenol	8.1	U	8.1	25	50	ug/L
91-20-3	Naphthalene	8.9	U	8.9	25	50	ug/L
106-47-8	4-Chloroaniline	9.1	U	9.1	25	100	ug/L
87-68-3	Hexachlorobutadiene	8.6	U	8.6	25	50	ug/L
105-60-2	Caprolactam	8.4	U	8.4	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	25	50	ug/L
90-12-0	1-Methylnaphthalene	9	U	9	25	50	ug/L
91-57-6	2-Methylnaphthalene	8.4	U	8.4	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	6.6	U	6.6	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	7.5	U	7.5	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	13	JD	7.3	25	50	ug/L
92-52-4	1,1-Biphenyl	8.5	U	8.5	25	50	ug/L
91-58-7	2-Chloronaphthalene	8.6	U	8.6	25	50	ug/L
88-74-4	2-Nitroaniline	7.5	U	7.5	25	50	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/29/2021 12:00:00 AM
Project:		Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK24DL	SDG No.:	BM070621
Lab Sample ID:	M2905-08DL	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
BM030836.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	8.8	U	8.8	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	7.3	U	7.3	25	50	ug/L
208-96-8	Acenaphthylene	8.2	U	8.2	25	50	ug/L
99-09-2	3-Nitroaniline	8.5	U	8.5	50	100	ug/L
83-32-9	Acenaphthene	8.9	U	8.9	25	50	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	50	100	ug/L
100-02-7	4-Nitrophenol	8.1	U	8.1	50	100	ug/L
132-64-9	Dibenzofuran	8.5	U	8.5	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	7.1	U	7.1	25	50	ug/L
84-66-2	Diethylphthalate	9.3	U	9.3	25	50	ug/L
86-73-7	Fluorene	9.1	U	9.1	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.1	U	9.1	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.6	U	7.6	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	8.8	U	8.8	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	8.6	U	8.6	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8	U	8	25	50	ug/L
118-74-1	Hexachlorobenzene	8	U	8	25	50	ug/L
1912-24-9	Atrazine	8.4	U	8.4	50	100	ug/L
87-86-5	Pentachlorophenol	350	D	9.8	50	100	ug/L
85-01-8	Phenanthrene	8.8	U	8.8	25	50	ug/L
608-93-5	Pentachlorobenzene	8.2	U	8.2	25	50	ug/L
120-12-7	Anthracene	9.1	U	9.1	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.7	U	8.7	25	50	ug/L
86-74-8	Carbazole	8.6	U	8.6	50	100	ug/L
84-74-2	Di-n-butylphthalate	7.9	U	7.9	25	50	ug/L
206-44-0	Fluoranthene	9.7	U	9.7	50	50	ug/L
129-00-0	Pyrene	9.3	U	9.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	11	U	11	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	9.5	U	9.5	50	100	ug/L
56-55-3	Benzo(a)anthracene	8.5	U	8.5	25	50	ug/L
218-01-9	Chrysene	8.8	U	8.8	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.4	U	9.4	25	50	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK24DL			SDG No.:	BM070621
Lab Sample ID:	M2905-08DL			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
BM030836.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	9.2	U	9.2	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	8.3	U	8.3	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.4	U	8.4	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.1	U	8.1	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	8.5	U	8.5	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27	JD	8.7	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.43		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	0.22	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	5.32		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.83		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.73		20-130		49	SPK: -40
190780-66-6	4-Methylphenol-d8	11.94		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	22.74		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.61		20-130		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22		20-120		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.97		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.21		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	26.28		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	31.29		25-125		78	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	60.58	*	10-130		151	SPK: -40
1719-06-8	Anthracene-d10	35.53		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	34.94		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.25		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107556	7.76				
1146-65-2	Naphthalene-d8	447048	10.55				
15067-26-2	Acenaphthene-d10	301233	14.39				
1517-22-2	Phenanthrene-d10	651282	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK24DL			SDG No.:	BM070621
Lab Sample ID:	M2905-08DL			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
BM030836.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	620975	21.3				
1520-96-3	Perylene-d12	530944	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.5	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/29/2021 12:00:00 AM
Project:		Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK25DL	SDG No.:	BM070621
Lab Sample ID:	M2905-09DL	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
BM030837.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.4	U	8.4	100	100	ug/L
108-95-2	Phenol	8.2	U	8.2	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	8.6	U	8.6	50	100	ug/L
95-57-8	2-Chlorophenol	9.3	U	9.3	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.3	U	9.3	50	100	ug/L
98-86-2	Acetophenone	9.1	U	9.1	50	100	ug/L
106-44-5	4-Methylphenol	7.6	U	7.6	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.6	U	9.6	25	50	ug/L
67-72-1	Hexachloroethane	8.8	U	8.8	25	50	ug/L
98-95-3	Nitrobenzene	9	U	9	25	50	ug/L
78-59-1	Isophorone	8.6	U	8.6	25	50	ug/L
88-75-5	2-Nitrophenol	9.2	U	9.2	25	50	ug/L
105-67-9	2,4-Dimethylphenol	8.2	U	8.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	8.8	U	8.8	25	50	ug/L
120-83-2	2,4-Dichlorophenol	8.1	U	8.1	25	50	ug/L
91-20-3	Naphthalene	8.9	U	8.9	25	50	ug/L
106-47-8	4-Chloroaniline	9.1	U	9.1	25	100	ug/L
87-68-3	Hexachlorobutadiene	8.6	U	8.6	25	50	ug/L
105-60-2	Caprolactam	8.4	U	8.4	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	25	50	ug/L
90-12-0	1-Methylnaphthalene	9	U	9	25	50	ug/L
91-57-6	2-Methylnaphthalene	8.4	U	8.4	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	6.6	U	6.6	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	7.5	U	7.5	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	7.3	U	7.3	25	50	ug/L
92-52-4	1,1-Biphenyl	8.5	U	8.5	25	50	ug/L
91-58-7	2-Chloronaphthalene	8.6	U	8.6	25	50	ug/L
88-74-4	2-Nitroaniline	7.5	U	7.5	25	50	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK25DL			SDG No.:	BM070621
Lab Sample ID:	M2905-09DL			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
BM030837.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	8.8	U	8.8	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	7.3	U	7.3	25	50	ug/L
208-96-8	Acenaphthylene	8.2	U	8.2	25	50	ug/L
99-09-2	3-Nitroaniline	8.5	U	8.5	50	100	ug/L
83-32-9	Acenaphthene	8.9	U	8.9	25	50	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	50	100	ug/L
100-02-7	4-Nitrophenol	8.1	U	8.1	50	100	ug/L
132-64-9	Dibenzofuran	8.5	U	8.5	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	7.1	U	7.1	25	50	ug/L
84-66-2	Diethylphthalate	9.3	U	9.3	25	50	ug/L
86-73-7	Fluorene	9.1	U	9.1	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.1	U	9.1	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.6	U	7.6	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	8.8	U	8.8	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	8.6	U	8.6	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8	U	8	25	50	ug/L
118-74-1	Hexachlorobenzene	8	U	8	25	50	ug/L
1912-24-9	Atrazine	8.4	U	8.4	50	100	ug/L
87-86-5	Pentachlorophenol	230	D	9.8	50	100	ug/L
85-01-8	Phenanthrene	8.8	U	8.8	25	50	ug/L
608-93-5	Pentachlorobenzene	8.2	U	8.2	25	50	ug/L
120-12-7	Anthracene	9.1	U	9.1	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.7	U	8.7	25	50	ug/L
86-74-8	Carbazole	8.6	U	8.6	50	100	ug/L
84-74-2	Di-n-butylphthalate	7.9	U	7.9	25	50	ug/L
206-44-0	Fluoranthene	9.7	U	9.7	50	50	ug/L
129-00-0	Pyrene	9.3	U	9.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	11	U	11	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	9.5	U	9.5	50	100	ug/L
56-55-3	Benzo(a)anthracene	8.5	U	8.5	25	50	ug/L
218-01-9	Chrysene	8.8	U	8.8	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.4	U	9.4	25	50	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK25DL			SDG No.:	BM070621
Lab Sample ID:	M2905-09DL			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
BM030837.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	9.2	U	9.2	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	8.3	U	8.3	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.4	U	8.4	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.1	U	8.1	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	8.5	U	8.5	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	19	JD	8.7	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.22	*	15-120		3	SPK: -8
7291-22-7	Pyridine-d5	0.22	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	5.14		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.4		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.43		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	11.48		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	23.02		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.85		20-130		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.64		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.39		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.14		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	27.94		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	32.42		25-125		81	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.67		10-130		112	SPK: -40
1719-06-8	Anthracene-d10	37.12		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	37.41		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.55		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100072	7.76				
1146-65-2	Naphthalene-d8	400120	10.55				
15067-26-2	Acenaphthene-d10	242437	14.39				
1517-22-2	Phenanthrene-d10	462238	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/29/2021 12:00:00 AM
Project:				Date Received:	6/29/2021 12:00:00 AM
Client Sample ID:	DBK25DL			SDG No.:	BM070621
Lab Sample ID:	M2905-09DL			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
BM030837.D	10	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	368135	21.3				
1520-96-3	Perylene-d12	388598	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.5	U			99	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030839.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1	U	7.1	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	28	U	28	170	330	ug/Kg
108-95-2	Phenol	25	U	25	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	28	U	28	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	42.5	170	ug/Kg
95-48-7	2-Methylphenol	26	U	26	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	28	U	28	82.5	330	ug/Kg
98-86-2	Acetophenone	29	U	29	82.5	330	ug/Kg
106-44-5	4-Methylphenol	25	U	25	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	27	U	27	42.5	170	ug/Kg
67-72-1	Hexachloroethane	30	U	30	42.5	170	ug/Kg
98-95-3	Nitrobenzene	30	U	30	42.5	170	ug/Kg
78-59-1	Isophorone	28	U	28	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	28	U	28	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30	U	30	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	30	U	30	42.5	170	ug/Kg
91-20-3	Naphthalene	30	U	30	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	42.5	170	ug/Kg
105-60-2	Caprolactam	26	U	26	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	27	U	27	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31	U	31	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	29	U	29	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030839.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	42.5	170	ug/Kg
208-96-8	Acenaphthylene	30	U	30	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	20	U	20	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	32	U	32	82.5	330	ug/Kg
132-64-9	Dibenzofuran	29	U	29	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	24	U	24	42.5	170	ug/Kg
84-66-2	Diethylphthalate	26	U	26	42.5	170	ug/Kg
86-73-7	Fluorene	29	U	29	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	42.5	170	ug/Kg
1912-24-9	Atrazine	30	U	30	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	30	U	30	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	34	U	34	42.5	170	ug/Kg
120-12-7	Anthracene	30	U	30	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
86-74-8	Carbazole	31	U	31	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	42.5	170	ug/Kg
206-44-0	Fluoranthene	28	U	28	82.5	170	ug/Kg
129-00-0	Pyrene	29	U	29	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	42.5	170	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030839.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	24	U	24	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	27	U	27	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	28	U	28	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	27	U	27	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29	U	29	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.692		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	33.687		20-120		84	SPK: -40
4165-62-2	Phenol-d5	33.234		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.105		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.91		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.607		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	36.352		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.412		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.549		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.856		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.218		10-145		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.974		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.384		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	38.316		20-140		96	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.487		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	38.456		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	42.745		10-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.306		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121450	7.76				
1146-65-2	Naphthalene-d8	507913	10.55				
15067-26-2	Acenaphthene-d10	330802	14.39				
1517-22-2	Phenanthrene-d10	672802	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/30/2021 12:00:00 AM
Project:				Date Received:	6/30/2021 12:00:00 AM
Client Sample ID:	SBLK437			SDG No.:	BM070621
Lab Sample ID:	PB137437BL			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
BM030839.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	515038	21.3				
1520-96-3	Perylene-d12	491671	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain24.07	120	J			24.07	
E966796	Total Alkanes	120				99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS8			SDG No.:	BM070621
Lab Sample ID:	M2854-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	27.9
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
BM030840.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.8	U	9.8	9.1	92	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	460	ug/Kg
110-86-1	Pyridine	39	U	39	230	460	ug/Kg
108-95-2	Phenol	35	U	35	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	460	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	58.8	240	ug/Kg
95-48-7	2-Methylphenol	36	U	36	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	110	460	ug/Kg
98-86-2	Acetophenone	40	U	40	110	460	ug/Kg
106-44-5	4-Methylphenol	35	U	35	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	58.8	240	ug/Kg
67-72-1	Hexachloroethane	41	U	41	58.8	240	ug/Kg
98-95-3	Nitrobenzene	41	U	41	58.8	240	ug/Kg
78-59-1	Isophorone	39	U	39	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	58.8	240	ug/Kg
91-20-3	Naphthalene	210	J	41	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	58.8	240	ug/Kg
105-60-2	Caprolactam	36	U	36	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	66	J	43	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	79	J	41	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	36	U	36	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	40	U	40	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	58.8	240	ug/Kg
92-52-4	1,1-Biphenyl	40	U	40	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	58.8	240	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS8			SDG No.:	BM070621
Lab Sample ID:	M2854-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	27.9
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
BM030840.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	40	U	40	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	58.8	240	ug/Kg
208-96-8	Acenaphthylene	430		41	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	43	U	43	110	460	ug/Kg
83-32-9	Acenaphthene	180	J	40	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	28	U	28	110	460	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	110	460	ug/Kg
132-64-9	Dibenzofuran	250		40	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	58.8	240	ug/Kg
84-66-2	Diethylphthalate	36	U	36	58.8	240	ug/Kg
86-73-7	Fluorene	560		40	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	58.8	240	ug/Kg
1912-24-9	Atrazine	41	U	41	110	460	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	110	460	ug/Kg
85-01-8	Phenanthrene	4400	E	40	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	58.8	240	ug/Kg
120-12-7	Anthracene	1300		41	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	47	U	47	58.8	240	ug/Kg
86-74-8	Carbazole	52	J	43	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	41	U	41	58.8	240	ug/Kg
206-44-0	Fluoranthene	5500	E	39	110	240	ug/Kg
129-00-0	Pyrene	3600		40	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	2100		40	58.8	240	ug/Kg
218-01-9	Chrysene	1700		43	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	36	U	36	58.8	240	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS8			SDG No.:	BM070621
Lab Sample ID:	M2854-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	27.9
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
BM030840.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	33	U	33	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		37	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		39	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	1100		37	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580		41	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	J	41	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.165		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	3.3	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	10.616		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.727		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.8		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.381		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	12.215		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.75		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.444		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.45		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.795		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	12.805		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.836		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	14.089		20-140		35	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.547		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	13.952		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	14.925		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.486		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114224	7.76				
1146-65-2	Naphthalene-d8	472233	10.55				
15067-26-2	Acenaphthene-d10	312040	14.39				
1517-22-2	Phenanthrene-d10	655498	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS8			SDG No.:	BM070621
Lab Sample ID:	M2854-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	27.9
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
BM030840.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	538685	21.3				
1520-96-3	Perylene-d12	486281	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-42-0	Naphthalene, 2,6-dimethyl-	180	J			13.71	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	97	J			15.18	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	250	J			15.73	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	320	J			15.88	
001430-97-3	9H-Fluorene, 2-methyl-	260	J			16.44	
035832-09-8	Pentamethylmelamine	180	J			16.67	
006554-98-9	Phenol, 4-(2-phenylethenyl)-, (E)-	130	J			16.71	
128644-69-9	8-Dimethylaminonaphthalene-1-carbo	220	J			16.87	
000234-41-3	Naphtho[1,2-b]thiophene	250	J			16.95	
000262-89-5	Dibenzo[a,e]cyclooctene	100	J			17.65	
002531-84-2	Phenanthrene, 2-methyl-	640	J			18	
000613-12-7	Anthracene, 2-methyl-	750	J			18.06	
000832-69-9	Phenanthrene, 1-methyl-	340	J			18.13	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.2	
000610-48-0	Anthracene, 1-methyl-	270	J			18.23	
000136-36-7	1,3-Benzenediol, monobenzoate	230	J			18.46	
000612-94-2	Naphthalene, 2-phenyl-	400	J			18.5	
000084-65-1	9,10-Anthracenedione	110	J			18.55	
001576-67-6	Phenanthrene, 3,6-dimethyl-	96	J			18.8	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			18.84	
000781-43-1	9,10-Dimethylanthracene	420	J			18.92	
	unknown-01	140	J			18.99	
005737-13-3	Cyclopenta(def)phenanthrenone	240	J			19.06	
	unknown-02	110	J			19.34	
000243-17-4	11H-Benzo[b]fluorene	210	J			20.04	
000238-84-6	11H-Benzo[a]fluorene	170	J			20.14	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	880	J			20.52	
007476-08-6	Benz(a)anthracene-7-carbonitrile	150	J			22.77	
000192-97-2	Benzo[e]pyrene	410	J			23.04	

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS8			SDG No.:	BM070621
Lab Sample ID:	M2854-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	27.9
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
BM030840.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	520	J			23.35	
E966796	Total Alkanes	40	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDW3			SDG No.:	BM070621
Lab Sample ID:	M2854-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM030841.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.5	U	8.5	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.4	390	ug/Kg
110-86-1	Pyridine	33	U	33	200	390	ug/Kg
108-95-2	Phenol	30	U	30	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	50.7	200	ug/Kg
95-48-7	2-Methylphenol	31	U	31	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	98.4	390	ug/Kg
98-86-2	Acetophenone	35	U	35	98.4	390	ug/Kg
106-44-5	4-Methylphenol	30	U	30	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	50.7	200	ug/Kg
67-72-1	Hexachloroethane	36	U	36	50.7	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50.7	200	ug/Kg
78-59-1	Isophorone	33	U	33	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	50.7	200	ug/Kg
91-20-3	Naphthalene	36	U	36	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	50.7	200	ug/Kg
105-60-2	Caprolactam	31	U	31	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35	U	35	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	50.7	200	ug/Kg
92-52-4	1,1-Biphenyl	35	U	35	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	50.7	200	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDW3			SDG No.:	BM070621
Lab Sample ID:	M2854-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM030841.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	50.7	200	ug/Kg
208-96-8	Acenaphthylene	36	U	36	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	37	U	37	98.4	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	24	U	24	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	38	U	38	98.4	390	ug/Kg
132-64-9	Dibenzofuran	35	U	35	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	50.7	200	ug/Kg
84-66-2	Diethylphthalate	31	U	31	50.7	200	ug/Kg
86-73-7	Fluorene	35	U	35	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	36	U	36	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	50.7	200	ug/Kg
1912-24-9	Atrazine	36	U	36	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	36	U	36	98.4	390	ug/Kg
85-01-8	Phenanthrene	35	U	35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	50.7	200	ug/Kg
120-12-7	Anthracene	36	U	36	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
86-74-8	Carbazole	37	U	37	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	50.7	200	ug/Kg
206-44-0	Fluoranthene	70	J	33	98.4	200	ug/Kg
129-00-0	Pyrene	35	U	35	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	42	J	35	50.7	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	50.7	200	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDW3			SDG No.:	BM070621
Lab Sample ID:	M2854-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM030841.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	29	U	29	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	32	U	32	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	33	U	33	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.448		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	3.557	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	13.442		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.458		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.944		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	11.535		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	14.843		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.982		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.525		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.247		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.229		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.284		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.896		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	17.455		20-140		44	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.426		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	16.836		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	13.723		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.818		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101422	7.76				
1146-65-2	Naphthalene-d8	421207	10.55				
15067-26-2	Acenaphthene-d10	278559	14.39				
1517-22-2	Phenanthrene-d10	571262	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/24/2021 12:00:00 AM
Project:				Date Received:	6/24/2021 12:00:00 AM
Client Sample ID:	BGDW3			SDG No.:	BM070621
Lab Sample ID:	M2854-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM030841.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	474951	21.3				
1520-96-3	Perylene-d12	414094	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
001330-86-5	Diisooctyl adipate	250	J			20.51	
E966796	Total Alkanes	35	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS4			SDG No.:	BM070621
Lab Sample ID:	M2854-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BM030842.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.7	U	8.7	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	34	U	34	200	410	ug/Kg
108-95-2	Phenol	31	U	31	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	100	410	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	52.3	210	ug/Kg
95-48-7	2-Methylphenol	32	U	32	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	36	U	36	100	410	ug/Kg
106-44-5	4-Methylphenol	31	U	31	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	52.3	210	ug/Kg
67-72-1	Hexachloroethane	37	U	37	52.3	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	52.3	210	ug/Kg
78-59-1	Isophorone	34	U	34	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	52.3	210	ug/Kg
91-20-3	Naphthalene	37	U	37	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	52.3	210	ug/Kg
105-60-2	Caprolactam	32	U	32	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	32	U	32	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	36	U	36	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	52.3	210	ug/Kg
92-52-4	1,1-Biphenyl	36	U	36	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	52.3	210	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS4			SDG No.:	BM070621
Lab Sample ID:	M2854-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BM030842.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	52.3	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	100	410	ug/Kg
83-32-9	Acenaphthene	100	J	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	25	U	25	100	410	ug/Kg
100-02-7	4-Nitrophenol	39	U	39	100	410	ug/Kg
132-64-9	Dibenzofuran	36	U	36	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	52.3	210	ug/Kg
84-66-2	Diethylphthalate	32	U	32	52.3	210	ug/Kg
86-73-7	Fluorene	88	J	36	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	37	U	37	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	52.3	210	ug/Kg
1912-24-9	Atrazine	37	U	37	100	410	ug/Kg
87-86-5	Pentachlorophenol	37	U	37	100	410	ug/Kg
85-01-8	Phenanthrene	720		36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	52.3	210	ug/Kg
120-12-7	Anthracene	270		37	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	52.3	210	ug/Kg
86-74-8	Carbazole	38	U	38	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	52.3	210	ug/Kg
206-44-0	Fluoranthene	970		34	100	210	ug/Kg
129-00-0	Pyrene	680		36	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	440		36	52.3	210	ug/Kg
218-01-9	Chrysene	340		38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	52.3	210	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS4			SDG No.:	BM070621
Lab Sample ID:	M2854-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BM030842.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	30	U	30	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		33	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	34	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	260		33	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	37	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	J	37	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.099		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	3.731	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	10.578		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.368		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.669		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.641		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.756		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.24		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.849		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.158		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.451		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	12.362		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.892		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	13.027		20-140		33	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.836		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	13.459		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	16.303		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.137		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105985	7.76				
1146-65-2	Naphthalene-d8	440071	10.55				
15067-26-2	Acenaphthene-d10	275135	14.39				
1517-22-2	Phenanthrene-d10	533672	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS4			SDG No.:	BM070621
Lab Sample ID:	M2854-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BM030842.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	395832	21.3				
1520-96-3	Perylene-d12	390164	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	140	J			18	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	160	J			18.05	
000832-69-9	Phenanthrene, 1-methyl-	89	J			18.13	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.2	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.04	
002381-21-7	Pyrene, 1-methyl-	110	J			20.14	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	130	J			20.51	
E966796	Total Alkanes	36	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS3			SDG No.:	BM070621
Lab Sample ID:	M2854-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	40.8
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
BM030843.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	11.1	110	ug/Kg
100-52-7	Benzaldehyde	76	U	76	140	560	ug/Kg
110-86-1	Pyridine	47	U	47	280	560	ug/Kg
108-95-2	Phenol	42	U	42	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	140	560	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	71.6	290	ug/Kg
95-48-7	2-Methylphenol	44	U	44	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	140	560	ug/Kg
98-86-2	Acetophenone	49	U	49	140	560	ug/Kg
106-44-5	4-Methylphenol	42	U	42	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	71.6	290	ug/Kg
67-72-1	Hexachloroethane	51	U	51	71.6	290	ug/Kg
98-95-3	Nitrobenzene	51	U	51	71.6	290	ug/Kg
78-59-1	Isophorone	47	U	47	71.6	290	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	71.6	290	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	71.6	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	71.6	290	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	71.6	290	ug/Kg
91-20-3	Naphthalene	65	J	51	71.6	290	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	71.6	560	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	71.6	290	ug/Kg
105-60-2	Caprolactam	44	U	44	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	71.6	290	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	71.6	290	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	71.6	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	44	U	44	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	71.6	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	71.6	290	ug/Kg
92-52-4	1,1-Biphenyl	49	U	49	71.6	290	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	71.6	290	ug/Kg
88-74-4	2-Nitroaniline	42	U	42	71.6	290	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS3			SDG No.:	BM070621
Lab Sample ID:	M2854-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	40.8
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
BM030843.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	49	U	49	71.6	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	71.6	290	ug/Kg
208-96-8	Acenaphthylene	76	J	51	71.6	290	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	140	560	ug/Kg
83-32-9	Acenaphthene	64	J	49	71.6	290	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	140	560	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	140	560	ug/Kg
132-64-9	Dibenzofuran	49	U	49	71.6	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	71.6	290	ug/Kg
84-66-2	Diethylphthalate	44	U	44	71.6	290	ug/Kg
86-73-7	Fluorene	73	J	49	71.6	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	71.6	290	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	71.6	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	71.6	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	71.6	290	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	71.6	290	ug/Kg
1912-24-9	Atrazine	51	U	51	140	560	ug/Kg
87-86-5	Pentachlorophenol	51	U	51	140	560	ug/Kg
85-01-8	Phenanthrene	790		49	71.6	290	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	71.6	290	ug/Kg
120-12-7	Anthracene	200	J	51	71.6	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	71.6	290	ug/Kg
86-74-8	Carbazole	52	U	52	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	71.6	290	ug/Kg
206-44-0	Fluoranthene	1300		47	140	290	ug/Kg
129-00-0	Pyrene	890		49	71.6	290	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	71.6	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44	U	44	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	570		49	71.6	290	ug/Kg
218-01-9	Chrysene	420		52	71.6	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	71.6	290	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS3			SDG No.:	BM070621
Lab Sample ID:	M2854-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	40.8
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
BM030843.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	40	U	40	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		45	71.6	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	47	71.6	290	ug/Kg
50-32-8	Benzo(a)pyrene	350		45	71.6	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	51	71.6	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	J	51	71.6	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	71.6	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	71.6	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.344		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	4.891	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	12.696		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.067		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.122		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.428		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	14.355		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.278		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.411		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.937		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.008		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.09		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.107		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	15.684		20-140		39	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.412		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	15.785		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	18.403		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.21		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117531	7.76				
1146-65-2	Naphthalene-d8	492792	10.55				
15067-26-2	Acenaphthene-d10	313592	14.39				
1517-22-2	Phenanthrene-d10	622093	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS3			SDG No.:	BM070621
Lab Sample ID:	M2854-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	40.8
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
BM030843.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	475231	21.3				
1520-96-3	Perylene-d12	453409	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.77	
000832-69-9	Phenanthrene, 1-methyl-	160	J			18	
002531-84-2	Phenanthrene, 2-methyl-	180	J			18.05	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.2	
002381-21-7	Pyrene, 1-methyl-	160	J			20.04	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.14	
E966796	Total Alkanes	49	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT6			SDG No.:	BM070621
Lab Sample ID:	M2854-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	62.6
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
BM030844.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	17.6	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	880	ug/Kg
110-86-1	Pyridine	75	U	75	440	880	ug/Kg
108-95-2	Phenol	67	U	67	220	880	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	75	U	75	220	880	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	110	450	ug/Kg
95-48-7	2-Methylphenol	69	U	69	220	880	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	220	880	ug/Kg
98-86-2	Acetophenone	77	U	77	220	880	ug/Kg
106-44-5	4-Methylphenol	67	U	67	220	880	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	110	450	ug/Kg
67-72-1	Hexachloroethane	80	U	80	110	450	ug/Kg
98-95-3	Nitrobenzene	80	U	80	110	450	ug/Kg
78-59-1	Isophorone	75	U	75	110	450	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	77	U	77	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	80	U	80	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	110	450	ug/Kg
91-20-3	Naphthalene	80	U	80	110	450	ug/Kg
106-47-8	4-Chloroaniline	83	U	83	110	880	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	110	450	ug/Kg
105-60-2	Caprolactam	69	U	69	220	880	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	80	U	80	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	69	U	69	220	880	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	110	450	ug/Kg
92-52-4	1,1-Biphenyl	77	U	77	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	110	450	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	110	450	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT6			SDG No.:	BM070621
Lab Sample ID:	M2854-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	62.6
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
BM030844.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	77	U	77	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	450	ug/Kg
208-96-8	Acenaphthylene	80	U	80	110	450	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	220	880	ug/Kg
83-32-9	Acenaphthene	77	U	77	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	220	880	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	220	880	ug/Kg
132-64-9	Dibenzofuran	77	U	77	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	110	450	ug/Kg
84-66-2	Diethylphthalate	69	U	69	110	450	ug/Kg
86-73-7	Fluorene	77	U	77	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	80	U	80	110	450	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	220	880	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	220	880	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	75	U	75	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	80	U	80	110	450	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	110	450	ug/Kg
1912-24-9	Atrazine	80	U	80	220	880	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	220	880	ug/Kg
85-01-8	Phenanthrene	250	J	77	110	450	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	110	450	ug/Kg
120-12-7	Anthracene	120	J	80	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	110	450	ug/Kg
86-74-8	Carbazole	83	U	83	220	880	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	110	450	ug/Kg
206-44-0	Fluoranthene	1100		75	220	450	ug/Kg
129-00-0	Pyrene	530		77	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	67	U	67	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	220	880	ug/Kg
56-55-3	Benzo(a)anthracene	760		77	110	450	ug/Kg
218-01-9	Chrysene	640		83	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	U	69	110	450	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT6			SDG No.:	BM070621
Lab Sample ID:	M2854-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	62.6
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
BM030844.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	64	U	64	220	880	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		72	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	J	75	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	72	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	80	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95	J	80	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	U	83	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77	U	77	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.185		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	7.403	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	14.356		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.368		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.382		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.186		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.825		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.17		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.95		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.463		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.218		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	17.031		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.939		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	18.184		20-140		45	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.118		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	18.096		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	13.728		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.998		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100669	7.76				
1146-65-2	Naphthalene-d8	410073	10.55				
15067-26-2	Acenaphthene-d10	249977	14.39				
1517-22-2	Phenanthrene-d10	466395	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT6			SDG No.:	BM070621
Lab Sample ID:	M2854-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	62.6
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
BM030844.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	366227	21.3				
1520-96-3	Perylene-d12	381668	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			18.02	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.2	
000243-17-4	11H-Benzo[b]fluorene	250	J			20.04	
000123-79-5	Hexanedioic acid, dioctyl ester	2800	J			20.52	
	(DEL) Alkane: Straight-Chain21.88	180	J			21.88	
E966796	Total Alkanes	180				99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS5			SDG No.:	BM070621
Lab Sample ID:	M2854-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	39.1
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
BM030845.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	10.8	110	ug/Kg
100-52-7	Benzaldehyde	74	U	74	140	540	ug/Kg
110-86-1	Pyridine	46	U	46	270	540	ug/Kg
108-95-2	Phenol	41	U	41	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	140	540	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	69.8	280	ug/Kg
95-48-7	2-Methylphenol	43	U	43	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	140	540	ug/Kg
98-86-2	Acetophenone	48	U	48	140	540	ug/Kg
106-44-5	4-Methylphenol	41	U	41	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	69.8	280	ug/Kg
67-72-1	Hexachloroethane	49	U	49	69.8	280	ug/Kg
98-95-3	Nitrobenzene	49	U	49	69.8	280	ug/Kg
78-59-1	Isophorone	46	U	46	69.8	280	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	69.8	280	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	69.8	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	69.8	280	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	69.8	280	ug/Kg
91-20-3	Naphthalene	49	U	49	69.8	280	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	69.8	540	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	69.8	280	ug/Kg
105-60-2	Caprolactam	43	U	43	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	69.8	280	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	69.8	280	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	69.8	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	43	U	43	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	69.8	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	69.8	280	ug/Kg
92-52-4	1,1-Biphenyl	48	U	48	69.8	280	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	69.8	280	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	69.8	280	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS5			SDG No.:	BM070621
Lab Sample ID:	M2854-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	39.1
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
BM030845.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	48	U	48	69.8	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	69.8	280	ug/Kg
208-96-8	Acenaphthylene	49	U	49	69.8	280	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	140	540	ug/Kg
83-32-9	Acenaphthene	48	U	48	69.8	280	ug/Kg
51-28-5	2,4-Dinitrophenol	33	U	33	140	540	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	140	540	ug/Kg
132-64-9	Dibenzofuran	48	U	48	69.8	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	69.8	280	ug/Kg
84-66-2	Diethylphthalate	43	U	43	69.8	280	ug/Kg
86-73-7	Fluorene	48	U	48	69.8	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	69.8	280	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	69.8	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	69.8	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	69.8	280	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	69.8	280	ug/Kg
1912-24-9	Atrazine	49	U	49	140	540	ug/Kg
87-86-5	Pentachlorophenol	49	U	49	140	540	ug/Kg
85-01-8	Phenanthrene	48	U	48	69.8	280	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	69.8	280	ug/Kg
120-12-7	Anthracene	49	U	49	69.8	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	69.8	280	ug/Kg
86-74-8	Carbazole	51	U	51	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	69.8	280	ug/Kg
206-44-0	Fluoranthene	46	U	46	140	280	ug/Kg
129-00-0	Pyrene	48	U	48	69.8	280	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	69.8	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43	U	43	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	69.8	280	ug/Kg
218-01-9	Chrysene	51	U	51	69.8	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	69.8	280	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS5			SDG No.:	BM070621
Lab Sample ID:	M2854-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	39.1
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
BM030845.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	39	U	39	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	69.8	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	69.8	280	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	69.8	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	69.8	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	69.8	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	69.8	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	69.8	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.201		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	5.304	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	11.753		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.582		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.826		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.295		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	12.941		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.779		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.741		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.174		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.061		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	14.531		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.968		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	15.818		20-140		40	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.484		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	15.972		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	19.108		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.968		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97872	7.76				
1146-65-2	Naphthalene-d8	402208	10.55				
15067-26-2	Acenaphthene-d10	258568	14.39				
1517-22-2	Phenanthrene-d10	524233	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDS5			SDG No.:	BM070621
Lab Sample ID:	M2854-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	39.1
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
BM030845.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	408077	21.3				
1520-96-3	Perylene-d12	365311	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	150	J			10.35	
000057-10-3	n-Hexadecanoic acid	120	J			18.02	
000136-36-7	1,3-Benzenediol, monobenzoate	190	J			18.46	
000123-79-5	Hexanedioic acid, dioctyl ester	3800	J			20.52	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	150	J			21.01	
	(DEL) Alkane: Straight-Chain21.89	110	J			21.89	
	(DEL) Alkane: Straight-Chain22.47	170	J			22.47	
E966796	Total Alkanes	280				99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT0			SDG No.:	BM070621
Lab Sample ID:	M2854-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BM030846.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.3	U	8.3	7.7	78	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.9	380	ug/Kg
110-86-1	Pyridine	33	U	33	190	380	ug/Kg
108-95-2	Phenol	29	U	29	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	49.4	200	ug/Kg
95-48-7	2-Methylphenol	30	U	30	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.9	380	ug/Kg
98-86-2	Acetophenone	34	U	34	95.9	380	ug/Kg
106-44-5	4-Methylphenol	29	U	29	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	49.4	200	ug/Kg
67-72-1	Hexachloroethane	35	U	35	49.4	200	ug/Kg
98-95-3	Nitrobenzene	35	U	35	49.4	200	ug/Kg
78-59-1	Isophorone	33	U	33	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	49.4	200	ug/Kg
91-20-3	Naphthalene	35	U	35	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	49.4	200	ug/Kg
105-60-2	Caprolactam	30	U	30	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	30	U	30	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	49.4	200	ug/Kg
92-52-4	1,1-Biphenyl	34	U	34	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	49.4	200	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT0			SDG No.:	BM070621
Lab Sample ID:	M2854-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BM030846.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	34	U	34	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	49.4	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	95.9	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	23	U	23	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	37	U	37	95.9	380	ug/Kg
132-64-9	Dibenzofuran	34	U	34	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	49.4	200	ug/Kg
84-66-2	Diethylphthalate	30	U	30	49.4	200	ug/Kg
86-73-7	Fluorene	34	U	34	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	35	U	35	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	49.4	200	ug/Kg
1912-24-9	Atrazine	35	U	35	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	35	U	35	95.9	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	49.4	200	ug/Kg
120-12-7	Anthracene	35	U	35	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	49.4	200	ug/Kg
86-74-8	Carbazole	36	U	36	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	49.4	200	ug/Kg
206-44-0	Fluoranthene	33	U	33	95.9	200	ug/Kg
129-00-0	Pyrene	34	U	34	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	49.4	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	49.4	200	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT0			SDG No.:	BM070621
Lab Sample ID:	M2854-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BM030846.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	28	U	28	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	31	U	31	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	33	U	33	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	34	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.292		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	23.879		20-120		60	SPK: -40
4165-62-2	Phenol-d5	29.595		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.136		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.56		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.33		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.258		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.641		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.511		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.38		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.871		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.507		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.804		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	33.579		20-140		84	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.831		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	33.144		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	36.916		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.111		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100596	7.76				
1146-65-2	Naphthalene-d8	419823	10.55				
15067-26-2	Acenaphthene-d10	268884	14.39				
1517-22-2	Phenanthrene-d10	552047	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT0			SDG No.:	BM070621
Lab Sample ID:	M2854-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BM030846.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	435524	21.3				
1520-96-3	Perylene-d12	383160	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	280	J			10.33	
000057-10-3	n-Hexadecanoic acid	160	J			18.02	
015601-47-5	5(4H)-Oxazolone, 4-(2-furanylmethy	140	J			18.46	
1000210-28-9	7-Isopropyl-1,1,4a-trimethyl-1,2,3	120	J			18.99	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	410	J			19.24	
000483-65-8	Retene	480	J			19.96	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	2200	J			20.52	
	(DEL) Alkane: Straight-Chain21.01	190	J			21.01	
	unknown-01	120	J			21.05	
	(DEL) Alkane: Straight-Chain21.90	200	J			21.9	
E966796	Total Alkanes	390				99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT7			SDG No.:	BM070621
Lab Sample ID:	M2854-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	56.3
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
BM030847.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	15.1	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	760	ug/Kg
110-86-1	Pyridine	64	U	64	380	760	ug/Kg
108-95-2	Phenol	57	U	57	190	760	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	190	760	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	97.3	390	ug/Kg
95-48-7	2-Methylphenol	59	U	59	190	760	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	190	760	ug/Kg
98-86-2	Acetophenone	66	U	66	190	760	ug/Kg
106-44-5	4-Methylphenol	57	U	57	190	760	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	97.3	390	ug/Kg
67-72-1	Hexachloroethane	69	U	69	97.3	390	ug/Kg
98-95-3	Nitrobenzene	69	U	69	97.3	390	ug/Kg
78-59-1	Isophorone	64	U	64	97.3	390	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	97.3	390	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	97.3	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	97.3	390	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	97.3	390	ug/Kg
91-20-3	Naphthalene	69	U	69	97.3	390	ug/Kg
106-47-8	4-Chloroaniline	71	U	71	97.3	760	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	97.3	390	ug/Kg
105-60-2	Caprolactam	59	U	59	190	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	97.3	390	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	97.3	390	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	97.3	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	59	U	59	190	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	97.3	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	97.3	390	ug/Kg
92-52-4	1,1-Biphenyl	66	U	66	97.3	390	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	97.3	390	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	97.3	390	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT7			SDG No.:	BM070621
Lab Sample ID:	M2854-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	56.3
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
BM030847.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	66	U	66	97.3	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	97.3	390	ug/Kg
208-96-8	Acenaphthylene	69	U	69	97.3	390	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	190	760	ug/Kg
83-32-9	Acenaphthene	66	U	66	97.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	46	U	46	190	760	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	190	760	ug/Kg
132-64-9	Dibenzofuran	66	U	66	97.3	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	97.3	390	ug/Kg
84-66-2	Diethylphthalate	59	U	59	97.3	390	ug/Kg
86-73-7	Fluorene	66	U	66	97.3	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	69	U	69	97.3	390	ug/Kg
100-01-6	4-Nitroaniline	87	U	87	190	760	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	69	190	760	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	97.3	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64	U	64	97.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	97.3	390	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	97.3	390	ug/Kg
1912-24-9	Atrazine	69	U	69	190	760	ug/Kg
87-86-5	Pentachlorophenol	69	U	69	190	760	ug/Kg
85-01-8	Phenanthrene	66	U	66	97.3	390	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	97.3	390	ug/Kg
120-12-7	Anthracene	69	U	69	97.3	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	78	U	78	97.3	390	ug/Kg
86-74-8	Carbazole	71	U	71	190	760	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	97.3	390	ug/Kg
206-44-0	Fluoranthene	64	U	64	190	390	ug/Kg
129-00-0	Pyrene	66	U	66	97.3	390	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	97.3	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	190	760	ug/Kg
56-55-3	Benzo(a)anthracene	66	U	66	97.3	390	ug/Kg
218-01-9	Chrysene	71	U	71	97.3	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	97.3	390	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT7			SDG No.:	BM070621
Lab Sample ID:	M2854-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	56.3
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
BM030847.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	55	U	55	190	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	U	62	97.3	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	97.3	390	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	97.3	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69	U	69	97.3	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	U	69	97.3	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	71	97.3	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	97.3	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.961		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	2.806	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	10.065		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.138		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.264		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	10.419		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.458		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.863		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.551		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.613		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.43		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	11.782		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.396		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	12.624		20-140		32	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.694		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	12.391		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	13.324		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.161		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100644	7.76				
1146-65-2	Naphthalene-d8	410718	10.55				
15067-26-2	Acenaphthene-d10	262499	14.39				
1517-22-2	Phenanthrene-d10	528636	17.13				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	6/23/2021 12:00:00 AM
Project:				Date Received:	6/23/2021 12:00:00 AM
Client Sample ID:	BGDT7			SDG No.:	BM070621
Lab Sample ID:	M2854-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	56.3
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
BM030847.D	1	6/30/2021 12:00:00 AM	7/7/2021 12:00:00 AM	PB137437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	392320	21.3				
1520-96-3	Perylene-d12	375775	23.54				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	66	U			99	ug/Kg

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**BGDR3**								
M2825-15	BGDR3	Solid	Adipic acid, 2-ethylhexyl octyl es	*	600.000	J			
M2825-15	BGDR3	Solid	Total Alkanes	*	0.000		96	560	ug/Kg
			Total Tics :		**600.00**				
			Total Concentration:		**600.00**				
Client ID :	**BGDS3**								
M2854-02	BGDS3	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J			
M2854-02	BGDS3	Solid	Fluoranthene, 2-methyl-	*	130.000	J			
M2854-02	BGDS3	Solid	Phenanthrene, 1-methyl-	*	160.000	J			
M2854-02	BGDS3	Solid	Phenanthrene, 2-methyl-	*	180.000	J			
M2854-02	BGDS3	Solid	Pyrene, 1-methyl-	*	160.000	J			
M2854-02	BGDS3	Solid	unknown-01	*	150.000	J			
M2854-02	BGDS3	Solid	Total Alkanes	*	0.000		49	290	ug/Kg
			Total Tics :		**1,020.00**				
M2854-02	BGDS3	Solid	Acenaphthene		64.000	J	49	290	ug/Kg
M2854-02	BGDS3	Solid	Acenaphthylene		76.000	J	51	290	ug/Kg
M2854-02	BGDS3	Solid	Anthracene		200.000	J	51	290	ug/Kg
M2854-02	BGDS3	Solid	Benzo(a)anthracene		570.000		49	290	ug/Kg
M2854-02	BGDS3	Solid	Benzo(a)pyrene		350.000		45	290	ug/Kg
M2854-02	BGDS3	Solid	Benzo(b)fluoranthene		480.000		45	290	ug/Kg
M2854-02	BGDS3	Solid	Benzo(k)fluoranthene		200.000	J	47	290	ug/Kg
M2854-02	BGDS3	Solid	Chrysene		420.000		52	290	ug/Kg
M2854-02	BGDS3	Solid	Dibenzo(a,h)anthracene		64.000	J	51	290	ug/Kg
M2854-02	BGDS3	Solid	Fluoranthene		1,300.000		47	290	ug/Kg
M2854-02	BGDS3	Solid	Fluorene		73.000	J	49	290	ug/Kg
M2854-02	BGDS3	Solid	Indeno(1,2,3-cd)pyrene		180.000	J	51	290	ug/Kg
M2854-02	BGDS3	Solid	Naphthalene		65.000	J	51	290	ug/Kg
M2854-02	BGDS3	Solid	Phenanthrene		790.000		49	290	ug/Kg
M2854-02	BGDS3	Solid	Pyrene		890.000		49	290	ug/Kg
			Total Svoc :		**5,722.00**				
			Total Concentration:		**6,742.00**				
Client ID :	**BGDS4**								
M2854-03	BGDS4	Solid	11H-Benzo[b]fluorene	*	130.000	J			
M2854-03	BGDS4	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J			
M2854-03	BGDS4	Solid	5H-Dibenzo[a,d]cycloheptene	*	160.000	J			
M2854-03	BGDS4	Solid	Hexanedioic acid, bis(2-ethylhexy	*	130.000	J			
M2854-03	BGDS4	Solid	Phenanthrene, 1-methyl-	*	89.000	J			
M2854-03	BGDS4	Solid	Phenanthrene, 2-methyl-	*	140.000	J			
M2854-03	BGDS4	Solid	Pyrene, 1-methyl-	*	110.000	J			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
M2854-03	BGDS4	Solid	Total Alkanes	*	0.000		36	210	ug/Kg
			Total Tics :		**959.00**				
M2854-03	BGDS4	Solid	Acenaphthene		100.000	J	36	210	ug/Kg
M2854-03	BGDS4	Solid	Anthracene		270.000		37	210	ug/Kg
M2854-03	BGDS4	Solid	Benzo(a)anthracene		440.000		36	210	ug/Kg
M2854-03	BGDS4	Solid	Benzo(a)pyrene		260.000		33	210	ug/Kg
M2854-03	BGDS4	Solid	Benzo(b)fluoranthene		410.000		33	210	ug/Kg
M2854-03	BGDS4	Solid	Benzo(k)fluoranthene		110.000	J	34	210	ug/Kg
M2854-03	BGDS4	Solid	Chrysene		340.000		38	210	ug/Kg
M2854-03	BGDS4	Solid	Dibenzo(a,h)anthracene		51.000	J	37	210	ug/Kg
M2854-03	BGDS4	Solid	Fluoranthene		970.000		34	210	ug/Kg
M2854-03	BGDS4	Solid	Fluorene		88.000	J	36	210	ug/Kg
M2854-03	BGDS4	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	37	210	ug/Kg
M2854-03	BGDS4	Solid	Phenanthrene		720.000		36	210	ug/Kg
M2854-03	BGDS4	Solid	Pyrene		680.000		36	210	ug/Kg
			Total Svoc :		**4,579.00**				
			Total Concentration:		**5,538.00**				
Client ID :	**BGDS5**								
M2854-04	BGDS5	Solid	(DEL) Alkane: Straight-Chain21.8	*	110.000	J			
M2854-04	BGDS5	Solid	(DEL) Alkane: Straight-Chain22.4	*	170.000	J			
M2854-04	BGDS5	Solid	1,3-Benzenediol, monobenzoate	*	190.000	J			
M2854-04	BGDS5	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	150.000	J			
M2854-04	BGDS5	Solid	Ethanol, 2-(tetradecyloxy)-	*	150.000	J			
M2854-04	BGDS5	Solid	Hexanedioic acid, dioctyl ester	*	3,800.000	J			
M2854-04	BGDS5	Solid	n-Hexadecanoic acid	*	120.000	J			
M2854-04	BGDS5	Solid	Total Alkanes	*	280.000		48	280	ug/Kg
			Total Tics :		**4,970.00**				
			Total Concentration:		**4,970.00**				
Client ID :	**BGDS8**								
M2854-06	BGDS8	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	250.000	J			
M2854-06	BGDS8	Solid	1,3-Benzenediol, monobenzoate	*	230.000	J			
M2854-06	BGDS8	Solid	11H-Benzo[a]fluorene	*	170.000	J			
M2854-06	BGDS8	Solid	11H-Benzo[b]fluorene	*	210.000	J			
M2854-06	BGDS8	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	320.000	J			
M2854-06	BGDS8	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J			
M2854-06	BGDS8	Solid	8-Dimethylaminonaphthalene-1-c	*	220.000	J			
M2854-06	BGDS8	Solid	9,10-Anthracenedione	*	110.000	J			
M2854-06	BGDS8	Solid	9,10-Dimethylanthracene	*	420.000	J			
M2854-06	BGDS8	Solid	9H-Fluorene, 2-methyl-	*	260.000	J			
M2854-06	BGDS8	Solid	Anthracene, 1-methyl-	*	270.000	J			
M2854-06	BGDS8	Solid	Anthracene, 2-methyl-	*	750.000	J			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
M2854-06	BGDS8	Solid	Benz(a)anthracene-7-carbonitrile	*	150.000	J			
M2854-06	BGDS8	Solid	Benzo[e]pyrene	*	410.000	J			
M2854-06	BGDS8	Solid	Cyclopenta(def)phenanthrenone	*	240.000	J			
M2854-06	BGDS8	Solid	Dibenzo[a,e]cyclooctene	*	100.000	J			
M2854-06	BGDS8	Solid	Hexanedioic acid, bis(2-ethylhexy	*	880.000	J			
M2854-06	BGDS8	Solid	Naphthalene, 1,4,6-trimethyl-	*	97.000	J			
M2854-06	BGDS8	Solid	Naphthalene, 2,6-dimethyl-	*	180.000	J			
M2854-06	BGDS8	Solid	Naphthalene, 2-phenyl-	*	400.000	J			
M2854-06	BGDS8	Solid	Naphtho[1,2-b]thiophene	*	250.000	J			
M2854-06	BGDS8	Solid	Pentamethylmelamine	*	180.000	J			
M2854-06	BGDS8	Solid	Perylene	*	520.000	J			
M2854-06	BGDS8	Solid	Phenanthrene, 1-methyl-	*	340.000	J			
M2854-06	BGDS8	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J			
M2854-06	BGDS8	Solid	Phenanthrene, 2-methyl-	*	640.000	J			
M2854-06	BGDS8	Solid	Phenanthrene, 3,6-dimethyl-	*	96.000	J			
M2854-06	BGDS8	Solid	Phenol, 4-(2-phenylethenyl)-, (E)-	*	130.000	J			
M2854-06	BGDS8	Solid	unknown-01	*	140.000	J			
M2854-06	BGDS8	Solid	unknown-02	*	110.000	J			
M2854-06	BGDS8	Solid	Total Alkanes	*	0.000		40	240	ug/Kg
			Total Tics :		**9,273.00**				
M2854-06	BGDS8	Solid	1-Methylnaphthalene		66.000	J	43	240	ug/Kg
M2854-06	BGDS8	Solid	2-Methylnaphthalene		79.000	J	41	240	ug/Kg
M2854-06	BGDS8	Solid	Acenaphthene		180.000	J	40	240	ug/Kg
M2854-06	BGDS8	Solid	Acenaphthylene		430.000		41	240	ug/Kg
M2854-06	BGDS8	Solid	Anthracene		1,300.000		41	240	ug/Kg
M2854-06	BGDS8	Solid	Benzo(a)anthracene		2,100.000		40	240	ug/Kg
M2854-06	BGDS8	Solid	Benzo(a)pyrene		1,100.000		37	240	ug/Kg
M2854-06	BGDS8	Solid	Benzo(b)fluoranthene		1,800.000		37	240	ug/Kg
M2854-06	BGDS8	Solid	Benzo(k)fluoranthene		610.000		39	240	ug/Kg
M2854-06	BGDS8	Solid	Carbazole		52.000	J	43	460	ug/Kg
M2854-06	BGDS8	Solid	Chrysene		1,700.000		43	240	ug/Kg
M2854-06	BGDS8	Solid	Dibenzo(a,h)anthracene		220.000	J	41	240	ug/Kg
M2854-06	BGDS8	Solid	Dibenzofuran		250.000		40	240	ug/Kg
M2854-06	BGDS8	Solid	Fluoranthene		5,500.000	E	39	240	ug/Kg
M2854-06	BGDS8	Solid	Fluorene		560.000		40	240	ug/Kg
M2854-06	BGDS8	Solid	Indeno(1,2,3-cd)pyrene		580.000		41	240	ug/Kg
M2854-06	BGDS8	Solid	Naphthalene		210.000	J	41	240	ug/Kg
M2854-06	BGDS8	Solid	Phenanthrene		4,400.000	E	40	240	ug/Kg
M2854-06	BGDS8	Solid	Pyrene		3,600.000		40	240	ug/Kg
			Total Svoc :		**24,737.00**				
			Total Concentration:		**34,010.00**				

Client ID : BGDT0

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
M2854-08	BGDT0	Solid	(DEL) Alkane: Straight-Chain21.(	*	190.000	J			
M2854-08	BGDT0	Solid	(DEL) Alkane: Straight-Chain21.9	*	200.000	J			
M2854-08	BGDT0	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	410.000	J			
M2854-08	BGDT0	Solid	5(4H)-Oxazolone, 4-(2-furanylme	*	140.000	J			
M2854-08	BGDT0	Solid	7-Isopropyl-1,1,4a-trimethyl-1,2,3	*	120.000	J			
M2854-08	BGDT0	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	280.000	J			
M2854-08	BGDT0	Solid	Hexanedioic acid, bis(2-ethylhexy	*	2,200.000	J			
M2854-08	BGDT0	Solid	n-Hexadecanoic acid	*	160.000	J			
M2854-08	BGDT0	Solid	Retene	*	480.000	J			
M2854-08	BGDT0	Solid	unknown-01	*	120.000	J			
M2854-08	BGDT0	Solid	Total Alkanes	*	390.000		34	200	ug/Kg
			Total Tics :		**4,690.00**				
			Total Concentration:		**4,690.00**				
Client ID :	**BGDT6**								
M2854-12	BGDT6	Solid	(DEL) Alkane: Straight-Chain21.8	*	180.000	J			
M2854-12	BGDT6	Solid	11H-Benzo[b]fluorene	*	250.000	J			
M2854-12	BGDT6	Solid	4H-Cyclopenta[def]phenanthrene	*	190.000	J			
M2854-12	BGDT6	Solid	Hexanedioic acid, dioctyl ester	*	2,800.000	J			
M2854-12	BGDT6	Solid	n-Hexadecanoic acid	*	250.000	J			
M2854-12	BGDT6	Solid	Total Alkanes	*	180.000		77	450	ug/Kg
			Total Tics :		**3,850.00**				
M2854-12	BGDT6	Solid	Anthracene		120.000	J	80	450	ug/Kg
M2854-12	BGDT6	Solid	Benzo(a)anthracene		760.000		77	450	ug/Kg
M2854-12	BGDT6	Solid	Benzo(a)pyrene		200.000	J	72	450	ug/Kg
M2854-12	BGDT6	Solid	Benzo(b)fluoranthene		700.000		72	450	ug/Kg
M2854-12	BGDT6	Solid	Benzo(k)fluoranthene		310.000	J	75	450	ug/Kg
M2854-12	BGDT6	Solid	Chrysene		640.000		83	450	ug/Kg
M2854-12	BGDT6	Solid	Dibenzo(a,h)anthracene		95.000	J	80	450	ug/Kg
M2854-12	BGDT6	Solid	Fluoranthene		1,100.000		75	450	ug/Kg
M2854-12	BGDT6	Solid	Indeno(1,2,3-cd)pyrene		150.000	J	80	450	ug/Kg
M2854-12	BGDT6	Solid	Phenanthrene		250.000	J	77	450	ug/Kg
M2854-12	BGDT6	Solid	Pyrene		530.000		77	450	ug/Kg
			Total Svoc :		**4,855.00**				
			Total Concentration:		**8,705.00**				
Client ID :	**BGDT7**								
M2854-13	BGDT7	Solid	Total Alkanes	*	0.000		66	390	ug/Kg
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**BGDW3**								
M2854-19	BGDW3	Solid	Diisooctyl adipate	*	250.000	J			
M2854-19	BGDW3	Solid	Total Alkanes	*	0.000		35	200	ug/Kg

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**250.00**				
M2854-19	BGDW3	Solid	Benzo(a)anthracene		42.000	J	35	200	ug/Kg
M2854-19	BGDW3	Solid	Fluoranthene		70.000	J	33	200	ug/Kg
			Total Svoc :		**112.00**				
			Total Concentration:		**362.00**				
Client ID :	**BGDX1DL**								
M2869-03DL	BGDX1DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	270.000	JD			
M2869-03DL	BGDX1DL	Solid	11H-Benzo[a]fluorene	*	200.000	JD			
M2869-03DL	BGDX1DL	Solid	11H-Benzo[b]fluorene	*	320.000	JD			
M2869-03DL	BGDX1DL	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	280.000	JD			
M2869-03DL	BGDX1DL	Solid	4H-Cyclopenta[def]phenanthrene	*	980.000	JD			
M2869-03DL	BGDX1DL	Solid	9,10-Dimethylanthracene	*	350.000	JD			
M2869-03DL	BGDX1DL	Solid	9H-Fluorene, 1-methyl-	*	220.000	JD			
M2869-03DL	BGDX1DL	Solid	Anthracene, 2-methyl-	*	410.000	JD			
M2869-03DL	BGDX1DL	Solid	Benzo[e]pyrene	*	380.000	JD			
M2869-03DL	BGDX1DL	Solid	Benzo[j]fluoranthene	*	330.000	JD			
M2869-03DL	BGDX1DL	Solid	Dibenzofuran, 4-methyl-	*	200.000	JD			
M2869-03DL	BGDX1DL	Solid	Naphthalene, 2-phenyl-	*	350.000	JD			
M2869-03DL	BGDX1DL	Solid	Naphtho[1,2-b]thiophene	*	250.000	JD			
M2869-03DL	BGDX1DL	Solid	Phenanthrene, 1-methyl-	*	700.000	JD			
M2869-03DL	BGDX1DL	Solid	Phenanthrene, 2-methyl-	*	560.000	JD			
M2869-03DL	BGDX1DL	Solid	Pyrene, 1-methyl-	*	330.000	JD			
M2869-03DL	BGDX1DL	Solid	Pyrene, 2-methyl-	*	200.000	JD			
M2869-03DL	BGDX1DL	Solid	Total Alkanes	*	0.000	D	80	470	ug/Kg
			Total Tics :		**6,330.00**				
M2869-03DL	BGDX1DL	Solid	Acenaphthene		470.000	D	80	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Anthracene		1,300.000	D	83	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Benzo(a)anthracene		1,800.000	D	80	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Benzo(a)pyrene		930.000	D	75	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Benzo(b)fluoranthene		1,600.000	D	75	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Benzo(k)fluoranthene		510.000	D	78	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Chrysene		1,400.000	D	86	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Dibenzo(a,h)anthracene		200.000	JD	83	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Dimethylphthalate		200.000	JD	80	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Fluoranthene		3,500.000	D	78	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Fluorene		470.000	D	80	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Indeno(1,2,3-cd)pyrene		510.000	D	83	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Phenanthrene		3,900.000	D	80	470	ug/Kg
M2869-03DL	BGDX1DL	Solid	Pyrene		2,300.000	D	80	470	ug/Kg
			Total Svoc :		**19,090.00**				
			Total Concentration:		**25,420.00**				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**BGDX4DL**								
M2869-06DL	BGDX4DL	Solid	11H-Benzo[a]fluorene	*	680.000	JD			
M2869-06DL	BGDX4DL	Solid	11H-Benzo[b]fluorene	*	770.000	JD			
M2869-06DL	BGDX4DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	JD			
M2869-06DL	BGDX4DL	Solid	Anthracene, 2-methyl-	*	630.000	JD			
M2869-06DL	BGDX4DL	Solid	Benzo[e]pyrene	*	680.000	JD			
M2869-06DL	BGDX4DL	Solid	di-p-Tolylacetylene	*	520.000	JD			
M2869-06DL	BGDX4DL	Solid	Naphthalene, 2-phenyl-	*	500.000	JD			
M2869-06DL	BGDX4DL	Solid	Perylene	*	690.000	JD			
M2869-06DL	BGDX4DL	Solid	Phenanthrene, 2-methyl-	*	810.000	JD			
M2869-06DL	BGDX4DL	Solid	Phenanthrene, 4-methyl-	*	960.000	JD			
M2869-06DL	BGDX4DL	Solid	Pyrene, 1-methyl-	*	480.000	JD			
M2869-06DL	BGDX4DL	Solid	Total Alkanes	*	0.000	D	190	1100	ug/Kg
			Total Tics :		**8,120.00**				
M2869-06DL	BGDX4DL	Solid	Acenaphthene		550.000	JD	190	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Anthracene		1,600.000	D	200	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Benzo(a)anthracene		3,000.000	D	190	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Benzo(a)pyrene		1,700.000	D	180	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Benzo(b)fluoranthene		2,800.000	D	180	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Benzo(k)fluoranthene		900.000	JD	180	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Chrysene		2,500.000	D	200	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Dibenzo(a,h)anthracene		350.000	JD	200	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Fluoranthene		6,400.000	D	180	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Fluorene		540.000	JD	190	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Indeno(1,2,3-cd)pyrene		920.000	JD	200	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Phenanthrene		4,400.000	D	190	1100	ug/Kg
M2869-06DL	BGDX4DL	Solid	Pyrene		4,400.000	D	190	1100	ug/Kg
			Total Svoc :		**30,060.00**				
			Total Concentration:		**38,180.00**				
Client ID :	**BGDX5DL**								
M2869-07DL	BGDX5DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	1,200.000	JD			
M2869-07DL	BGDX5DL	Solid	1,3-Benzenediol, monobenzoate	*	490.000	JD			
M2869-07DL	BGDX5DL	Solid	11H-Benzo[b]fluorene	*	530.000	JD			
M2869-07DL	BGDX5DL	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	1,400.000	JD			
M2869-07DL	BGDX5DL	Solid	4a,9a-Methano-9H-fluorene	*	360.000	JD			
M2869-07DL	BGDX5DL	Solid	4H-Cyclopenta[def]phenanthrene	*	3,200.000	JD			
M2869-07DL	BGDX5DL	Solid	7,12-Dihydrobenzo[k]fluoranthen	*	440.000	JD			
M2869-07DL	BGDX5DL	Solid	9,10-Dimethylanthracene	*	1,000.000	JD			
M2869-07DL	BGDX5DL	Solid	9H-Fluorene, 1-methyl-	*	310.000	JD			
M2869-07DL	BGDX5DL	Solid	9H-Fluorene, 2-methyl-	*	840.000	JD			
M2869-07DL	BGDX5DL	Solid	Acephenanthrylene, 4,5-dihydro-	*	520.000	JD			
M2869-07DL	BGDX5DL	Solid	Anthracene, 9-methyl-	*	880.000	JD			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
M2869-07DL	BGDX5DL	Solid	Benzo[b]benzofuran-2-carboxalde	*	390.000	JD			
M2869-07DL	BGDX5DL	Solid	Benzo[b]triphenylene	*	590.000	JD			
M2869-07DL	BGDX5DL	Solid	Benzo[e]pyrene	*	1,400.000	JD			
M2869-07DL	BGDX5DL	Solid	Dibenzofuran, 4-methyl-	*	790.000	JD			
M2869-07DL	BGDX5DL	Solid	Dibenzothiophene	*	1,000.000	JD			
M2869-07DL	BGDX5DL	Solid	Hexanedioic acid, bis(2-ethylhexy	*	1,100.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 1,3-dimethyl-	*	290.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 1,4,5-trimethyl-	*	290.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	260.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 1,7-dimethyl-	*	590.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	290.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 2,3-dimethyl-	*	620.000	JD			
M2869-07DL	BGDX5DL	Solid	Naphthalene, 2-phenyl-	*	1,100.000	JD			
M2869-07DL	BGDX5DL	Solid	Nordiphenamid	*	400.000	JD			
M2869-07DL	BGDX5DL	Solid	Phenanthrene, 1-methyl-	*	2,200.000	JD			
M2869-07DL	BGDX5DL	Solid	Phenanthrene, 2-methyl-	*	1,700.000	JD			
M2869-07DL	BGDX5DL	Solid	Pyrene, 1-methyl-	*	540.000	JD			
M2869-07DL	BGDX5DL	Solid	unknown-01	*	500.000	JD			
M2869-07DL	BGDX5DL	Solid	unknown-02	*	1,500.000	JD			
M2869-07DL	BGDX5DL	Solid	Total Alkanes	*	0.000	D	77	450	ug/Kg
			Total Tics :		**26,720.00**				
M2869-07DL	BGDX5DL	Solid	Acenaphthene		2,600.000	D	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Acenaphthylene		250.000	JD	79	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Anthracene		5,200.000	D	79	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Benzo(a)anthracene		5,900.000	D	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Benzo(a)pyrene		3,500.000	D	71	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Benzo(b)fluoranthene		4,800.000	D	71	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Benzo(g,h,i)perylene		190.000	JD	82	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Benzo(k)fluoranthene		2,000.000	D	74	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Chrysene		4,400.000	D	82	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Dibenzo(a,h)anthracene		670.000	D	79	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Dibenzofuran		1,200.000	D	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Dimethylphthalate		260.000	JD	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Fluoranthene		14,000.000	ED	74	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Fluorene		2,600.000	D	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Indeno(1,2,3-cd)pyrene		1,800.000	D	79	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Naphthalene		370.000	JD	79	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Phenanthrene		15,000.000	ED	77	450	ug/Kg
M2869-07DL	BGDX5DL	Solid	Pyrene		9,200.000	ED	77	450	ug/Kg
			Total Svoc :		**73,940.00**				
			Total Concentration:		**100,660.00**				

Client ID : BGDX5DL2

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
M2869-07DL2	BGDX5DL2	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	1,100.000	JD			
M2869-07DL2	BGDX5DL2	Solid	11H-Benzo[b]fluorene	*	1,900.000	JD			
M2869-07DL2	BGDX5DL2	Solid	4H-Cyclopenta[def]phenanthrene	*	3,200.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Anthracene, 1,4-dimethyl-	*	940.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Anthracene, 2-methyl-	*	930.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Benzo[e]pyrene	*	1,100.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Fluoranthene, 2-methyl-	*	1,400.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Hexanedioic acid, bis(2-ethylhexy	*	2,700.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Naphthalene, 2-phenyl-	*	1,100.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Naphtho[2,1-b]thiophene	*	1,000.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Phenanthrene, 1-methyl-	*	2,300.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Phenanthrene, 2-methyl-	*	1,800.000	JD			
M2869-07DL2	BGDX5DL2	Solid	unknown-01	*	1,400.000	JD			
M2869-07DL2	BGDX5DL2	Solid	Total Alkanes	*	0.000	D	380	2300	ug/Kg
			Total Tics :		**20,870.00**				
M2869-07DL2	BGDX5DL2	Solid	Acenaphthene		2,600.000	D	380	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Anthracene		4,800.000	D	400	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Benzo(a)anthracene		5,700.000	D	380	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Benzo(a)pyrene		3,400.000	D	360	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Benzo(b)fluoranthene		5,100.000	D	360	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Benzo(k)fluoranthene		1,700.000	JD	370	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Chrysene		4,500.000	D	410	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Dibenzo(a,h)anthracene		650.000	JD	400	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Dibenzofuran		1,100.000	JD	380	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Fluoranthene		13,000.000	D	370	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Fluorene		2,500.000	D	380	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Indeno(1,2,3-cd)pyrene		1,700.000	JD	400	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Phenanthrene		14,000.000	D	380	2300	ug/Kg
M2869-07DL2	BGDX5DL2	Solid	Pyrene		8,900.000	D	380	2300	ug/Kg
			Total Svoc :		**69,650.00**				
			Total Concentration:		**90,520.00**				
Client ID :	**DBK52**								
M2905-01	DBK52	Water	(DEL) Alkane: Straight-Chain7.9	*	2.700	J			
M2905-01	DBK52	Water	1,1-Biphenyl, 4-nitro-	*	20.000	J			
M2905-01	DBK52	Water	2-Pentanone, 4-hydroxy-4-methyl	*	4.100	A			
M2905-01	DBK52	Water	2-Pentanone, 4-methoxy-4-methyl	*	3.700	J			
M2905-01	DBK52	Water	9,10-Anthracenedione	*	2.800	J			
M2905-01	DBK52	Water	Benz[j]aceanthrylene, 3-methyl-	*	4.900	J			
M2905-01	DBK52	Water	Diethylene glycol dibenzoate	*	3.800	J			
M2905-01	DBK52	Water	n-Hexadecanoic acid	*	2.900	J			
M2905-01	DBK52	Water	unknown-01	*	21.000	J			
M2905-01	DBK52	Water	Total Alkanes	*	2.700		0.85	5	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**68.60**				
M2905-01	DBK52	Water	1,2,4,5-Tetrachlorobenzene		25.000		0.8	5	ug/L
M2905-01	DBK52	Water	2-Methylnaphthalene		12.000		0.84	5	ug/L
M2905-01	DBK52	Water	Acenaphthene		17.000		0.89	5	ug/L
M2905-01	DBK52	Water	Acetophenone		26.000		0.91	10	ug/L
M2905-01	DBK52	Water	Anthracene		11.000		0.91	5	ug/L
M2905-01	DBK52	Water	Benzo(a)pyrene		6.200		1.1	5	ug/L
M2905-01	DBK52	Water	Benzo(b)fluoranthene		17.000		0.83	5	ug/L
M2905-01	DBK52	Water	Benzo(g,h,i)perylene		18.000		0.85	5	ug/L
M2905-01	DBK52	Water	Benzo(k)fluoranthene		13.000		1.1	5	ug/L
M2905-01	DBK52	Water	Chrysene		21.000		0.88	5	ug/L
M2905-01	DBK52	Water	Hexachloroethane		20.000		0.88	5	ug/L
M2905-01	DBK52	Water	N-Nitrosodiphenylamine		31.000		0.88	5	ug/L
M2905-01	DBK52	Water	Naphthalene		14.000		0.89	5	ug/L
M2905-01	DBK52	Water	Nitrobenzene		18.000		0.9	5	ug/L
M2905-01	DBK52	Water	Phenanthrene		26.000		0.88	5	ug/L
M2905-01	DBK52	Water	Pyrene		14.000		0.93	5	ug/L
			Total Svoc :		**289.20**				
			Total Concentration:		**357.80**				
Client ID :	**DBK22**								
M2905-05	DBK22	Water	Ethanol, 2-(2-butoxyethoxy)-	*	3.100	J			
M2905-05	DBK22	Water	n-Hexadecanoic acid	*	2.300	J			
M2905-05	DBK22	Water	Total Alkanes	*	0.000		0.85	5	ug/L
			Total Tics :		**5.40**				
			Total Concentration:		**5.40**				
Client ID :	**DBK24DL**								
M2905-08DL	DBK24DL	Water	Total Alkanes	*	0.000	D	8.5	50	ug/L
			Total Tics :		**0.00**				
M2905-08DL	DBK24DL	Water	2,3,4,6-Tetrachlorophenol		27.000	JD	8.7	50	ug/L
M2905-08DL	DBK24DL	Water	2,4,5-Trichlorophenol		13.000	JD	7.3	50	ug/L
M2905-08DL	DBK24DL	Water	Pentachlorophenol		350.000	D	9.8	100	ug/L
			Total Svoc :		**390.00**				
			Total Concentration:		**390.00**				
Client ID :	**DBK25DL**								
M2905-09DL	DBK25DL	Water	Total Alkanes	*	0.000	D	8.5	50	ug/L
			Total Tics :		**0.00**				
M2905-09DL	DBK25DL	Water	2,3,4,6-Tetrachlorophenol		19.000	JD	8.7	50	ug/L
M2905-09DL	DBK25DL	Water	Pentachlorophenol		230.000	D	9.8	100	ug/L
			Total Svoc :		**249.00**				
			Total Concentration:		**249.00**				
Client ID :	**DBK38DL**								

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
M2905-15DL	DBK38DL	Water	Total Alkanes	*	0.000	D	4.25	25	ug/L
			Total Tics :				**0.00**		
M2905-15DL	DBK38DL	Water	Pentachlorophenol		120.000	D	4.9	50	ug/L
			Total Svoc :				**120.00**		
			Total Concentration:				**120.00**		
Client ID : SSTDCCC020									
SSTDCCC020	SSTDCCC020	Water	Total Alkanes	*	0.000		850	5000	ug/L
			Total Tics :				**0.00**		
SSTDCCC020	SSTDCCC020	Water	1,1-Biphenyl		20,000.000		850	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	1,2,3,4-Tetrachlorobenzene		19,000.000		870	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	1,2,4,5-Tetrachlorobenzene		20,000.000		800	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	1,4-Dioxane		8,200.000		200	2000	ug/L
SSTDCCC020	SSTDCCC020	Water	1-Methylnaphthalene		19,000.000		900	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,2-oxybis(1-Chloropropane)		18,000.000		930	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,3,4,6-Tetrachlorophenol		20,000.000		870	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4,5-Trichlorophenol		20,000.000		730	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4,6-Trichlorophenol		20,000.000		750	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4-Dichlorophenol		20,000.000		810	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4-Dimethylphenol		20,000.000		820	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4-Dinitrophenol		17,000.000		660	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,4-Dinitrotoluene		20,000.000		710	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2,6-Dinitrotoluene		19,000.000		730	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Chloronaphthalene		20,000.000		860	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Chlorophenol		20,000.000		930	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Methylnaphthalene		19,000.000		840	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Methylphenol		18,000.000		820	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Nitroaniline		20,000.000		750	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	2-Nitrophenol		20,000.000		920	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	3,3-Dichlorobenzidine		20,000.000		950	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	3-Nitroaniline		19,000.000		850	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	4,6-Dinitro-2-methylphenol		17,000.000		760	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Bromophenyl-phenylether		19,000.000		860	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Chloro-3-methylphenol		19,000.000		840	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Chloroaniline		18,000.000		910	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Chlorophenyl-phenylether		19,000.000		910	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Methylphenol		18,000.000		760	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Nitroaniline		21,000.000		1200	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	4-Nitrophenol		19,000.000		810	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Acenaphthene		20,000.000		890	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Acenaphthylene		20,000.000		820	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Acetophenone		17,000.000		910	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Anthracene		20,000.000		910	5000	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTDCCC020	Water	Atrazine	19,000.000		840	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzaldehyde	23,000.000		1400	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzo(a)anthracene	20,000.000		850	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzo(a)pyrene	20,000.000		1100	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzo(b)fluoranthene	20,000.000		830	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzo(g,h,i)perylene	21,000.000		850	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Benzo(k)fluoranthene	18,000.000		1100	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Bis(2-Chloroethoxy)methane	20,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Bis(2-Chloroethyl)ether	18,000.000		860	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Bis(2-ethylhexyl)phthalate	20,000.000		940	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Butylbenzylphthalate	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Caprolactam	17,000.000		840	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Carbazole	20,000.000		860	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Chrysene	20,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Di-n-butylphthalate	21,000.000		790	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Di-n-octyl phthalate	18,000.000		920	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Dibenzo(a,h)anthracene	20,000.000		810	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Dibenzofuran	20,000.000		850	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Diethylphthalate	20,000.000		930	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Dimethylphthalate	19,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Fluoranthene	18,000.000		970	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Fluorene	20,000.000		910	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Hexachlorobenzene	19,000.000		800	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Hexachlorobutadiene	20,000.000		860	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Hexachlorocyclopentadiene	17,000.000		660	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Hexachloroethane	19,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Indeno(1,2,3-cd)pyrene	20,000.000		840	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Isophorone	19,000.000		860	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	N-Nitroso-di-n-propylamine	18,000.000		960	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	N-Nitrosodiphenylamine	19,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Naphthalene	20,000.000		890	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Nitrobenzene	20,000.000		900	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Pentachlorobenzene	19,000.000		820	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Pentachlorophenol	18,000.000		980	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Phenanthrene	20,000.000		880	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Phenol	18,000.000		820	10000	ug/L
SSTDCCC020	SSTDCCC020	Water	Pyrene	18,000.000		930	5000	ug/L
SSTDCCC020	SSTDCCC020	Water	Pyridine	19,000.000		840	10000	ug/L
			Total Svoc :	**1,379,200.00**				
			Total Concentration:	**1,379,200.00**				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM070621

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: Calibration Date(s): 7/6/2021 1:

Calibration Time(s): 10:52

LAB FILE ID: RRFAL1 = BM030815.D RRFAL2 = BM030816.D RRFAL3 = BM030817.D
RRFAL4 = BM030818.D RRFAL5 = BM030819.D RRFAL6 = BM030820.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.488	0.554	0.526	0.551	0.520		0.528	5.1
Benzaldehyde		0.789	1.100	1.047	0.861	0.699	0.899	18.9
Pyridine		1.304	1.372	1.474	1.511	1.635	1.459	8.8
Hexachloroethane	0.484	0.565	0.562	0.596	0.619		0.565	9.0
Nitrobenzene	0.323	0.389	0.384	0.406	0.412		0.382	9.2
Isophorone	0.563	0.654	0.663	0.718	0.740		0.667	10.3
2-Nitrophenol	0.135	0.172	0.177	0.191	0.198		0.174	14.1
2,4-Dimethylphenol	0.315	0.364	0.361	0.381	0.389		0.362	7.9
Bis(2-Chloroethoxy)methane	0.375	0.428	0.419	0.439	0.451		0.422	6.8
2,4-Dichlorophenol	0.257	0.300	0.305	0.321	0.336		0.304	9.8
Naphthalene	0.908	1.031	0.999	1.037	1.054		1.006	5.8
4-Chloroaniline		0.417	0.428	0.447	0.459	0.480	0.446	5.6
Hexachlorobutadiene	0.187	0.209	0.203	0.211	0.222		0.207	6.3
Phenol		1.679	1.660	1.786	1.851	1.980	1.791	7.3
Caprolactam		0.073	0.080	0.090	0.097	0.099	0.088	12.5
4-Chloro-3-methylphenol	0.254	0.303	0.307	0.332	0.343		0.308	11.2
1-Methylnaphthalene	0.650	0.744	0.716	0.754	0.769		0.727	6.5
2-Methylnaphthalene	0.633	0.728	0.711	0.744	0.768		0.717	7.2
Hexachlorocyclopentadiene		0.284	0.317	0.363	0.408	0.472	0.369	20.2
2,4,6-Trichlorophenol	0.315	0.371	0.383	0.411	0.434		0.383	11.8
2,4,5-Trichlorophenol	0.329	0.395	0.405	0.439	0.461		0.406	12.4
1,1-Biphenyl	1.282	1.503	1.453	1.501	1.547		1.457	7.1
2-Chloronaphthalene	1.010	1.171	1.147	1.174	1.200		1.141	6.6
2-Nitroaniline	0.239	0.300	0.325	0.361	0.377		0.320	17.0
Bis(2-Chloroethyl)ether		1.368	1.316	1.382	1.423	1.487	1.395	4.6
Dimethylphthalate	1.229	1.406	1.357	1.419	1.447		1.372	6.3
2,6-Dinitrotoluene	0.205	0.248	0.265	0.293	0.310		0.264	15.6
Acenaphthylene	1.404	1.697	1.656	1.730	1.774		1.652	8.8
3-Nitroaniline		0.217	0.267	0.292	0.297	0.307	0.276	13.1
Acenaphthene	1.082	1.237	1.195	1.240	1.272		1.205	6.2
2,4-Dinitrophenol		0.095	0.119	0.161	0.194	0.218	0.157	32.5
4-Nitrophenol		0.172	0.188	0.216	0.226	0.232	0.207	12.6
Dibenzofuran	1.541	1.753	1.694	1.734	1.764		1.697	5.4
2,4-Dinitrotoluene	0.284	0.359	0.371	0.406	0.422		0.368	14.6
Diethylphthalate	1.230	1.374	1.336	1.417	1.450		1.361	6.3
2-Chlorophenol	1.161	1.343	1.333	1.410	1.468		1.343	8.6

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.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: Calibration Date(s): 7/6/2021 1:

Calibration Time(s): 10:52

LAB FILE ID: RRFAL1 = BM030815.D RRFAL2 = BM030816.D RRFAL3 = BM030817.D
RRFAL4 = BM030818.D RRFAL5 = BM030819.D RRFAL6 = BM030820.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.253	1.408	1.365	1.452	1.513		1.398	7.0
4-Chlorophenyl-phenylether	0.622	0.719	0.685	0.726	0.765		0.704	7.7
4-Nitroaniline		0.213	0.264	0.287	0.278	0.272	0.263	11.2
4,6-Dinitro-2-methylphenol		0.094	0.106	0.125	0.138	0.155	0.124	19.7
N-Nitrosodiphenylamine	0.499	0.599	0.598	0.631	0.655		0.596	10.0
4-Bromophenyl-phenylether	0.181	0.207	0.208	0.221	0.235		0.211	9.5
1,2,4,5-Tetrachlorobenzene	0.534	0.610	0.606	0.628	0.655		0.607	7.4
Hexachlorobenzene	0.206	0.239	0.237	0.251	0.262		0.239	8.8
Atrazine		0.198	0.197	0.215	0.222	0.229	0.212	6.8
Pentachlorophenol		0.113	0.125	0.146	0.161	0.181	0.145	18.7
2-Methylphenol		1.182	1.208	1.310	1.366	1.444	1.302	8.4
Phenanthrene	0.968	1.096	1.048	1.097	1.127		1.067	5.8
Pentachlorobenzene	0.260	0.305	0.302	0.316	0.334		0.303	9.1
Anthracene	0.969	1.125	1.080	1.136	1.173		1.097	7.2
1,2,3,4-Tetrachlorobenzene	0.260	0.310	0.311	0.327	0.343		0.310	10.1
Carbazole		0.910	0.905	0.958	0.974	1.020	0.953	5.0
Di-n-butylphthalate	1.002	1.079	1.063	1.148	1.200		1.099	7.0
Fluoranthene	1.204	1.382	1.328	1.423	1.462		1.360	7.4
Pyrene	1.274	1.422	1.385	1.460	1.506		1.410	6.3
Butylbenzylphthalate	0.417	0.453	0.464	0.520	0.556		0.482	11.5
3,3-Dichlorobenzidine		0.343	0.394	0.389	0.351	0.347	0.365	6.7
2,2-oxybis(1-Chloropropane)		2.298	2.203	2.308	2.330	2.348	2.298	2.5
Benzo(a)anthracene	1.147	1.277	1.240	1.285	1.303		1.250	5.0
Chrysene	1.167	1.257	1.218	1.248	1.262		1.230	3.2
Bis(2-ethylhexyl)phthalate	0.611	0.671	0.691	0.754	0.825		0.710	11.6
Di-n-octyl phthalate		1.087	1.110	1.265	1.348	1.401	1.242	11.3
Benzo(b)fluoranthene	1.179	1.333	1.259	1.323	1.346		1.288	5.4
Benzo(k)fluoranthene	1.153	1.240	1.233	1.310	1.325		1.252	5.5
Benzo(a)pyrene	1.002	1.152	1.130	1.196	1.220		1.140	7.4
Indeno(1,2,3-cd)pyrene	1.196	1.390	1.412	1.508	1.584		1.418	10.3
Dibenzo(a,h)anthracene	0.998	1.161	1.185	1.262	1.337		1.189	10.7
Benzo(g,h,i)perylene	0.987	1.167	1.154	1.203	1.172		1.137	7.5
Acetophenone		2.059	2.053	2.208	2.283	2.417	2.204	7.0
2,3,4,6-Tetrachlorophenol	0.278	0.331	0.335	0.363	0.380		0.337	11.5
1,4-Dioxane-d8	0.490	0.561	0.507	0.499	0.502		0.512	5.5
Pyridine-d5		1.014	1.260	1.407	1.440	1.572	1.338	15.9

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.: BM070621 SAS No.: BM070621 SDG No.: BM070621

Instrument ID: Calibration Date(s): 7/6/2021 1:

Calibration Time(s): 10:52

LAB FILE ID: RRFAL1 = BM030815.D RRFAL2 = BM030816.D RRFAL3 = BM030817.D
RRFAL4 = BM030818.D RRFAL5 = BM030819.D RRFAL6 = BM030820.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.600	1.631	1.749	1.818	1.941	1.748	8.0
Bis-(2-Chloroethyl)ether-d8		1.104	1.085	1.125	1.139	1.175	1.126	3.1
2-Chlorophenol-d4	1.142	1.342	1.328	1.421	1.471		1.341	9.4
4-Methylphenol-d8		1.300	1.286	1.406	1.468	1.543	1.400	7.8
Nitrobenzene-d5	0.121	0.148	0.148	0.160	0.166		0.149	11.7
2-Nitrophenol-d4	0.124	0.155	0.164	0.179	0.191		0.163	15.7
2,4-Dichlorophenol-d3	0.259	0.307	0.312	0.335	0.353		0.313	11.4
4-Chloroaniline-d4		0.416	0.418	0.450	0.460	0.480	0.445	6.2
4-Methylphenol		1.330	1.327	1.440	1.490	1.557	1.429	7.0
Dimethylphthalate-d6	1.243	1.427	1.389	1.452	1.489		1.400	6.8
Acenaphthylene-d8	1.481	1.761	1.776	1.873	1.952		1.769	10.1
4-Nitrophenol-d4		0.194	0.222	0.252	0.269	0.281	0.244	14.6
Fluorene-d10	1.093	1.263	1.229	1.273	1.307		1.233	6.7
4,6-Dinitro-2-methylphenol-		0.098	0.108	0.129	0.145	0.162	0.128	20.4
Anthracene-d10	0.844	0.925	0.927	0.963	1.002		0.932	6.3
Pyrene-d10	0.990	1.112	1.078	1.157	1.179		1.103	6.8
Benzo(a)pyrene-d12	0.908	1.031	1.022	1.087	1.115		1.032	7.7
N-Nitroso-di-n-propylamine	0.900	1.077	1.091	1.180	1.226		1.095	11.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020104 Date Analyzed: Jul 6 2021 12:00AM

Lab File ID: BM030817.D Time Analyzed: 10:16

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	78424	7.77	328729	10.55	206141	14.40
	UPPER LIMIT	156848	8.27	657458	11.05	412282	14.9
	LOWER LIMIT	39212	7.27	164364.5	10.05	103070.5	13.9
	EPA SAMPLE NO.						
01	SSTDCCC020	68604	7.77	268618	10.55	161450	14.39
02	SICV017	88478	7.76	377593	10.55	244194	14.40
03	SBLK472	83697	7.76	349107	10.55	234365	14.39
04	DBK52	68011	7.76	274001	10.55	171923	14.39
05	SBLK437	82700	7.76	345333	10.55	225544	14.39
06	SLCS437	85549	7.76	358165	10.55	223361	14.40
07	DBK22	72982	7.76	299292	10.55	190190	14.39
08	DBK22MS	82234	7.76	363332	10.55	246139	14.40
09	DBK22MSD	80688	7.76	345373	10.55	227908	14.39
10	BGDR3	82647	7.76	343783	10.55	230363	14.39
11	BGDX1DL	88864	7.76	351966	10.55	205315	14.39
12	BGDX5DL	125647	7.76	526811	10.55	349359	14.39
13	BGDX5DL2	112868	7.76	469575	10.55	307770	14.39
14	BGDX4DL	112546	7.76	466987	10.55	308738	14.39
15	DBK38DL	110258	7.76	454185	10.55	297848	14.39
16	DBK24DL	107556	7.76	447048	10.55	301233	14.39
17	DBK25DL	100072	7.76	400120	10.55	242437	14.39
18	SBLK437	121450	7.76	507913	10.55	330802	14.39
19	BGDS8	114224	7.76	472233	10.55	312040	14.39
20	BGDW3	101422	7.76	421207	10.55	278559	14.39
21	BGDS4	105985	7.76	440071	10.55	275135	14.39
22	BGDS3	117531	7.76	492792	10.55	313592	14.39
23	BGDT6	100669	7.76	410073	10.55	249977	14.39
24	BGDS5	97872	7.76	402208	10.55	258568	14.39

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020104 Date Analyzed: Jul 7 2021 12:00AM

Lab File ID: BM030817.D Time Analyzed: 07:53

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	78424	7.77	328729	10.55	206141	14.40
	UPPER LIMIT	156848	8.27	657458	11.05	412282	14.9
	LOWER LIMIT	39212	7.27	164364.5	10.05	103070.5	13.9
	EPA SAMPLE NO.						
25	BGDT0	100596	7.76	419823	10.55	268884	14.39
26	BGDT7	100644	7.76	410718	10.55	262499	14.39

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020018 Date Analyzed: Jul 6 2021 12:00AM

Lab File ID: BM030824.D Time Analyzed: 18:28

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	79813	7.76	349402	10.55	243049	14.39
	UPPER LIMIT	159626	8.26	698804	11.05	486098	14.89
	LOWER LIMIT	39906.5	7.26	174701	10.05	121524.5	13.89
	EPA SAMPLE NO.						
01	SBLK437	82700	7.76	345333	10.55	225544	14.39
02	SLCS437	85549	7.76	358165	10.55	223361	14.40
03	DBK22	72982	7.76	299292	10.55	190190	14.39
04	DBK22MS	82234	7.76	363332	10.55	246139	14.40
05	DBK22MSD	80688	7.76	345373	10.55	227908	14.39
06	BGDR3	82647	7.76	343783	10.55	230363	14.39
07	BGDX1DL	88864	7.76	351966	10.55	205315	14.39
08	BGDX5DL	125647	7.76	526811	10.55	349359	14.39
09	BGDX5DL2	112868	7.76	469575	10.55	307770	14.39
10	BGDX4DL	112546	7.76	466987	10.55	308738	14.39
11	DBK38DL	110258	7.76	454185	10.55	297848	14.39
12	DBK24DL	107556	7.76	447048	10.55	301233	14.39
13	DBK25DL	100072	7.76	400120	10.55	242437	14.39

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020019 Date Analyzed: Jul 7 2021 12:00AM

Lab File ID: BM030838.D Time Analyzed: 03:38

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	99777	7.76	416418	10.55	265813	14.39
	UPPER LIMIT	199554	8.26	832836	11.05	531626	14.89
	LOWER LIMIT	49888.5	7.26	208209	10.05	132906.5	13.89
	EPA SAMPLE NO.						
01	SBLK437	121450	7.76	507913	10.55	330802	14.39
02	BGDS8	114224	7.76	472233	10.55	312040	14.39
03	BGDW3	101422	7.76	421207	10.55	278559	14.39
04	BGDS4	105985	7.76	440071	10.55	275135	14.39
05	BGDS3	117531	7.76	492792	10.55	313592	14.39
06	BGDT6	100669	7.76	410073	10.55	249977	14.39
07	BGDS5	97872	7.76	402208	10.55	258568	14.39
08	BGDT0	100596	7.76	419823	10.55	268884	14.39
09	BGDT7	100644	7.76	410718	10.55	262499	14.39

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020104 Date Analyzed: Jul 6 2021 12:00AM

Lab File ID: BM030817.D Time Analyzed: 10:16

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	393033	17.13	335662	21.3	324753	23.55
	UPPER LIMIT	786066	17.63	671324	21.8	649506	24.05
	LOWER LIMIT	196516.5	16.63	167831	20.8	162376.5	23.05
	EPA SAMPLE NO.						
01	SSTDCCC020	318765	17.13	317166	21.30	341137	23.55
02	SICV017	478547	17.13	408791	21.31	367367	23.56
03	SBLK472	491681	17.13	457351	21.31	405513	23.56
04	DBK52	335479	17.13	282641	21.31	280984	23.56
05	SBLK437	452259	17.13	363668	21.30	338688	23.55
06	SLCS437	421234	17.13	351051	21.30	305923	23.55
07	DBK22	380701	17.13	308950	21.30	291910	23.55
08	DBK22MS	528253	17.14	508476	21.30	389495	23.55
09	DBK22MSD	466025	17.13	386962	21.30	318814	23.55
10	BGDR3	489152	17.13	435745	21.30	366260	23.55
11	BGDX1DL	385448	17.13	381381	21.30	413878	23.54
12	BGDX5DL	709882	17.14	533618	21.30	509516	23.55
13	BGDX5DL2	628608	17.13	486660	21.30	461014	23.54
14	BGDX4DL	629600	17.13	489905	21.30	444822	23.54
15	DBK38DL	604866	17.13	464078	21.30	443614	23.55
16	DBK24DL	651282	17.13	620975	21.30	530944	23.54
17	DBK25DL	462238	17.13	368135	21.30	388598	23.54
18	SBLK437	672802	17.13	515038	21.30	491671	23.54
19	BGDS8	655498	17.13	538685	21.30	486281	23.54
20	BGDW3	571262	17.13	474951	21.30	414094	23.54
21	BGDS4	533672	17.13	395832	21.30	390164	23.54
22	BGDS3	622093	17.13	475231	21.30	453409	23.54

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020104 Date Analyzed: Jul 7 2021 12:00AM

Lab File ID: BM030817.D Time Analyzed: 06:40

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	393033	17.13	335662	21.3	324753	23.55
	UPPER LIMIT	786066	17.63	671324	21.8	649506	24.05
	LOWER LIMIT	196516.5	16.63	167831	20.8	162376.5	23.05
	EPA SAMPLE NO.						
23	BGDT6	466395	17.13	366227	21.30	381668	23.54
24	BGDS5	524233	17.13	408077	21.30	365311	23.54
25	BGDT0	552047	17.13	435524	21.30	383160	23.54
26	BGDT7	528636	17.13	392320	21.30	375775	23.54

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020018 Date Analyzed: Jul 6 2021 12:00AM

Lab File ID: BM030824.D Time Analyzed: 18:28

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	525525	17.13	562405	21.31	521214	23.56
	UPPER LIMIT	1051050	17.63	1124810	21.81	1042428	24.06
	LOWER LIMIT	262762.5	16.63	281202.5	20.81	260607	23.06
	EPA SAMPLE NO.						
01	SBLK437	452259	17.13	363668	21.30	338688	23.55
02	SLCS437	421234	17.13	351051	21.30	305923	23.55
03	DBK22	380701	17.13	308950	21.30	291910	23.55
04	DBK22MS	528253	17.14	508476	21.30	389495	23.55
05	DBK22MSD	466025	17.13	386962	21.30	318814	23.55
06	BGDR3	489152	17.13	435745	21.30	366260	23.55
07	BGDX1DL	385448	17.13	381381	21.30	413878	23.54
08	BGDX5DL	709882	17.14	533618	21.30	509516	23.55
09	BGDX5DL2	628608	17.13	486660	21.30	461014	23.54
10	BGDX4DL	629600	17.13	489905	21.30	444822	23.54
11	DBK38DL	604866	17.13	464078	21.30	443614	23.55
12	DBK24DL	651282	17.13	620975	21.30	530944	23.54
13	DBK25DL	462238	17.13	368135	21.30	388598	23.54

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

EPA Sample No.: SSTD020019 Date Analyzed: Jul 7 2021 12:00AM

Lab File ID: BM030838.D Time Analyzed: 03:38

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	507643	17.13	400575	21.3	393507	23.54
	UPPER LIMIT	1015286	17.63	801150	21.8	787014	24.04
	LOWER LIMIT	253821.5	16.63	200287.5	20.8	196753.5	23.04
	EPA SAMPLE NO.						
01	SBLK437	672802	17.13	515038	21.30	491671	23.54
02	BGDS8	655498	17.13	538685	21.30	486281	23.54
03	BGDW3	571262	17.13	474951	21.30	414094	23.54
04	BGDS4	533672	17.13	395832	21.30	390164	23.54
05	BGDS3	622093	17.13	475231	21.30	453409	23.54
06	BGDT6	466395	17.13	366227	21.30	381668	23.54
07	BGDS5	524233	17.13	408077	21.30	365311	23.54
08	BGDT0	552047	17.13	435524	21.30	383160	23.54
09	BGDT7	528636	17.13	392320	21.30	375775	23.54

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	
	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
SSTDICV020	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB137437BS	1,4-Dioxane	530	490	ug/Kg	92				0	0	
	Benzaldehyde	1300	1300	ug/Kg	100				0	0	
	Pyridine	1300	960	ug/Kg	74				0	0	
	Phenol	1300	1200	ug/Kg	92				0	0	
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0	
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0	
	2-Methylphenol	1300	1100	ug/Kg	85				0	0	
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0	
	Acetophenone	1300	1200	ug/Kg	92				0	0	
	4-Methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitroso-di-n-propylamine	1300	1200	ug/Kg	92				0	0	
	Hexachloroethane	1300	1200	ug/Kg	92				0	0	
	Nitrobenzene	1300	1200	ug/Kg	92				0	0	
	Isophorone	1300	1300	ug/Kg	100				0	0	
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0	
	2,4-Dimethylphenol	1300	810	ug/Kg	62				0	0	
	Bis(2-chloroethoxy)methane	1300	1200	ug/Kg	92				0	0	
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0	
	Naphthalene	1300	1200	ug/Kg	92				0	0	
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0	
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0	
	Caprolactam	1300	1400	ug/Kg	108				0	0	
	4-Chloro-3-methylphenol	1300	1300	ug/Kg	100				0	0	
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0	
	2-Methylnaphthalene	1300	1200	ug/Kg	92				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	1300	ug/Kg	100				0	0	
	1,1'-Biphenyl	1300	1300	ug/Kg	100				0	0	
	2-Chloronaphthalene	1300	1300	ug/Kg	100				0	0	
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0	
	Dimethylphthalate	1300	1300	ug/Kg	100				0	0	
	2,6-Dinitrotoluene	1300	1400	ug/Kg	108				0	0	
	Acenaphthylene	1300	1300	ug/Kg	100				0	0	
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0	
	Acenaphthene	1300	1300	ug/Kg	100				0	0	
	2,4-Dinitrophenol	1300	1300	ug/Kg	100				0	0	
	4-Nitrophenol	1300	1300	ug/Kg	100				0	0	
	Dibenzofuran	1300	1300	ug/Kg	100				0	0	
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0	
	Diethylphthalate	1300	1300	ug/Kg	100				0	0	
	Fluorene	1300	1300	ug/Kg	100				0	0	
	4-Chlorophenyl-phenylether	1300	1300	ug/Kg	100				0	0	
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0	
	4,6-Dinitro-2-methylphenol	1300	1300	ug/Kg	100				0	0	
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB137437BS	4-Bromophenyl-phenylether	1300	1400	ug/Kg	108				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Hexachlorobenzene	1300	1400	ug/Kg	108				0	0	
	Atrazine	1300	740	ug/Kg	57				0	0	
	Pentachlorophenol	1300	1000	ug/Kg	77				0	0	
	Phenanthrene	1300	1300	ug/Kg	100				0	0	
	Pentachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Anthracene	1300	1300	ug/Kg	100				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Carbazole	1300	1300	ug/Kg	100				0	0	
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0	
	Fluoranthene	1300	1300	ug/Kg	100				0	0	
	Pyrene	1300	1300	ug/Kg	100				0	0	
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0	
	3,3'-Dichlorobenzidine	1300	1200	ug/Kg	92				0	0	
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0	
	Chrysene	1300	1300	ug/Kg	100				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0	
	Di-n-octylphthalate	1300	1500	ug/Kg	115				0	0	
	Benzo(b)fluoranthene	1300	1500	ug/Kg	115				0	0	
	Benzo(k)fluoranthene	1300	1500	ug/Kg	115				0	0	
	Benzo(a)pyrene	1300	1400	ug/Kg	108				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1600	ug/Kg	123				0	0	
	Dibenzo(a,h)anthracene	1300	1600	ug/Kg	123				0	0	
	Benzo(g,h,i)perylene	1300	1600	ug/Kg	123				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTDCCC020

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030814.D Lab Sample ID: SSTDCCC020

Instrument ID: BNA_M Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 07/06/2021

Level: (low/med) LOW Time Analyzed: 10:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTDCCC020	SSTDCCC020	BM030814.D	07/06/2021

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BGDR3

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030830.D Lab Sample ID: M2825-15

Instrument ID: BNA_M Date Extracted: 06/29/2021

Matrix: (soil/water) Solid Date Analyzed: 07/06/2021

Level: (low/med) LOW Time Analyzed: 21:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BGDR3	M2825-15	BM030830.D	07/06/2021

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK437

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030839.D Lab Sample ID: PB137437BL

Instrument ID: BNA_M Date Extracted: 06/30/2021

Matrix: (soil/water) Solid Date Analyzed: 07/07/2021

Level: (low/med) LOW Time Analyzed: 03:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB137437BS	PB137437BS	BM030826.D	07/06/2021
BGDS8	M2854-06	BM030840.D	07/07/2021
BGDW3	M2854-19	BM030841.D	07/07/2021
BGDS4	M2854-03	BM030842.D	07/07/2021
BGDS3	M2854-02	BM030843.D	07/07/2021
BGDT6	M2854-12	BM030844.D	07/07/2021
BGDS5	M2854-04	BM030845.D	07/07/2021
BGDT0	M2854-08	BM030846.D	07/07/2021
BGDT7	M2854-13	BM030847.D	07/07/2021

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK472

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM070621 SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030822.D Lab Sample ID: PB137472BL

Instrument ID: BNA_M Date Extracted: 06/30/2021

Matrix: (soil/water) Water Date Analyzed: 07/06/2021

Level: (low/med) LOW Time Analyzed: 15:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DBK52	M2905-01	BM030823.D	07/06/2021
DBK22	M2905-05	BM030827.D	07/06/2021
DBK22MS	M2905-06MS	BM030828.D	07/06/2021
DBK22MSD	M2905-07MSD	BM030829.D	07/06/2021

COMMENTS:

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM070621

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: M2905-06MS		**Client Sample ID:** DBK22MS						**DataFile:** BM030828.D			
1,4-Dioxane	16		5.6	ug/L	35				15	120	
Benzaldehyde	40		52	ug/L	130				0	0	
Pyridine	40		9	ug/L	23				0	0	
Phenol	40		11	ug/L	28				12	110	
Bis(2-chloroethyl)ether	40		41	ug/L	103				0	0	
2-Chlorophenol	40		34	ug/L	85				27	123	
2-Methylphenol	40		26	ug/L	65				0	0	
2,2-oxybis(1-Chloropropane)	40		41	ug/L	103				0	0	
Acetophenone	40		43	ug/L	108				0	0	
4-Methylphenol	40		23	ug/L	58				0	0	
N-Nitroso-di-n-propylamine	40		47	ug/L	117	*			41	116	
Hexachloroethane	40		36	ug/L	90				0	0	
Nitrobenzene	40		43	ug/L	108				0	0	
Isophorone	40		47	ug/L	117				0	0	
2-Nitrophenol	40		43	ug/L	108				0	0	
2,4-Dimethylphenol	40		33	ug/L	83				0	0	
Bis(2-chloroethoxy)methane	40		44	ug/L	110				0	0	
2,4-Dichlorophenol	40		41	ug/L	103				0	0	
Naphthalene	40		41	ug/L	103				0	0	
4-Chloroaniline	40		36	ug/L	90				0	0	
Hexachlorobutadiene	40		38	ug/L	95				0	0	
Caprolactam	40		6.1	ug/L	15				0	0	
4-Chloro-3-methylphenol	40		41	ug/L	103	*			23	97	
1-Methylnaphthalene	40		42	ug/L	105				0	0	
2-Methylnaphthalene	40		44	ug/L	110				0	0	
Hexachlorocyclopentadiene	40		28	ug/L	70				0	0	
2,4,6-Trichlorophenol	40		46	ug/L	115				0	0	
2,4,5-Trichlorophenol	40		46	ug/L	115				0	0	
1,1'-Biphenyl	40		43	ug/L	108				0	0	
2-Chloronaphthalene	40		43	ug/L	108				0	0	
2-Nitroaniline	40		55	ug/L	138				0	0	
Dimethylphthalate	40		51	ug/L	128				0	0	
2,6-Dinitrotoluene	40		57	ug/L	143				0	0	
Acenaphthylene	40		48	ug/L	120				0	0	
3-Nitroaniline	40		49	ug/L	123				0	0	
Acenaphthene	40		46	ug/L	115				46	118	
2,4-Dinitrophenol	40		51	ug/L	128				0	0	
4-Nitrophenol	40		13	ug/L	33				10	80	
Dibenzofuran	40		48	ug/L	120				0	0	
2,4-Dinitrotoluene	40		60	ug/L	150	*			24	96	
Diethylphthalate	40		55	ug/L	138				0	0	
Fluorene	40		51	ug/L	128				0	0	
4-Chlorophenyl-phenylether	40		50	ug/L	125				0	0	
4-Nitroaniline	40		59	ug/L	148				0	0	
4,6-Dinitro-2-methylphenol	40		50	ug/L	125				0	0	
N-Nitrosodiphenylamine	40		47	ug/L	117				0	0	
4-Bromophenyl-phenylether	40		48	ug/L	120				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM070621

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		41	ug/L	103				0	0	
Hexachlorobenzene	40		50	ug/L	125				0	0	
Atrazine	40		52	ug/L	130				0	0	
Pentachlorophenol	40		50	ug/L	125	*			9	103	
Phenanthrene	40		50	ug/L	125				0	0	
Pentachlorobenzene	40		41	ug/L	103				0	0	
Anthracene	40		50	ug/L	125				0	0	
1,2,3,4-Tetrachlorobenzene	40		36	ug/L	90				0	0	
Carbazole	40		53	ug/L	133				0	0	
Di-n-butylphthalate	40		58	ug/L	145				0	0	
Fluoranthene	40		49	ug/L	123				0	0	
Pyrene	40		49	ug/L	123				26	127	
Butylbenzylphthalate	40		59	ug/L	148				0	0	
3,3'-Dichlorobenzidine	40		48	ug/L	120				0	0	
Benzo(a)anthracene	40		51	ug/L	128				0	0	
Chrysene	40		50	ug/L	125				0	0	
Bis(2-ethylhexyl)phthalate	40		63	ug/L	158				0	0	
Di-n-octylphthalate	40		66	ug/L	165				0	0	
Benzo(b)fluoranthene	40		55	ug/L	138				0	0	
Benzo(k)fluoranthene	40		55	ug/L	138				0	0	
Benzo(a)pyrene	40		51	ug/L	128				0	0	
Indeno(1,2,3-cd)pyrene	40		47	ug/L	117				0	0	
Dibenzo(a,h)anthracene	40		47	ug/L	117				0	0	
Benzo(g,h,i)perylene	40		45	ug/L	113				0	0	
2,3,4,6-Tetrachlorophenol	40		55	ug/L	138				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM070621

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: M2905-07MSD		**Client Sample ID:** DBK22MSD						**DataFile:** BM030829.D			
1,4-Dioxane	16		5.5	ug/L	34		3		15	120	50
Benzaldehyde	40		50	ug/L	125		4	*	0	0	0
Pyridine	40		9.4	ug/L	23		0		0	0	0
Phenol	40		10	ug/L	25		11		12	110	42
Bis(2-chloroethyl)ether	40		40	ug/L	100		3	*	0	0	0
2-Chlorophenol	40		33	ug/L	83		2		27	123	40
2-Methylphenol	40		26	ug/L	65		0		0	0	0
2,2-oxybis(1-Chloropropane)	40		39	ug/L	98		5	*	0	0	0
Acetophenone	40		41	ug/L	103		5	*	0	0	0
4-Methylphenol	40		23	ug/L	58		0		0	0	0
N-Nitroso-di-n-propylamine	40		45	ug/L	113		3		41	116	38
Hexachloroethane	40		36	ug/L	90		0		0	0	0
Nitrobenzene	40		43	ug/L	108		0		0	0	0
Isophorone	40		45	ug/L	113		3	*	0	0	0
2-Nitrophenol	40		44	ug/L	110		2	*	0	0	0
2,4-Dimethylphenol	40		33	ug/L	83		0		0	0	0
Bis(2-chloroethoxy)methane	40		44	ug/L	110		0		0	0	0
2,4-Dichlorophenol	40		40	ug/L	100		3	*	0	0	0
Naphthalene	40		41	ug/L	103		0		0	0	0
4-Chloroaniline	40		35	ug/L	88		2	*	0	0	0
Hexachlorobutadiene	40		38	ug/L	95		0		0	0	0
Caprolactam	40		5.9	ug/L	15		0		0	0	0
4-Chloro-3-methylphenol	40		41	ug/L	103	*	0		23	97	42
1-Methylnaphthalene	40		42	ug/L	105		0		0	0	0
2-Methylnaphthalene	40		44	ug/L	110		0		0	0	0
Hexachlorocyclopentadiene	40		29	ug/L	73		4	*	0	0	0
2,4,6-Trichlorophenol	40		46	ug/L	115		0		0	0	0
2,4,5-Trichlorophenol	40		47	ug/L	117		2	*	0	0	0
1,1'-Biphenyl	40		44	ug/L	110		2	*	0	0	0
2-Chloronaphthalene	40		43	ug/L	108		0		0	0	0
2-Nitroaniline	40		54	ug/L	135		2	*	0	0	0
Dimethylphthalate	40		51	ug/L	128		0		0	0	0
2,6-Dinitrotoluene	40		56	ug/L	140		2	*	0	0	0
Acenaphthylene	40		47	ug/L	117		3	*	0	0	0
3-Nitroaniline	40		48	ug/L	120		2	*	0	0	0
Acenaphthene	40		46	ug/L	115		0		46	118	31
2,4-Dinitrophenol	40		48	ug/L	120		6	*	0	0	0
4-Nitrophenol	40		12	ug/L	30		10		10	80	50
Dibenzofuran	40		47	ug/L	117		3	*	0	0	0
2,4-Dinitrotoluene	40		57	ug/L	143	*	5		24	96	38
Diethylphthalate	40		53	ug/L	133		4	*	0	0	0
Fluorene	40		49	ug/L	123		4	*	0	0	0
4-Chlorophenyl-phenylether	40		50	ug/L	125		0		0	0	0
4-Nitroaniline	40		56	ug/L	140		6	*	0	0	0
4,6-Dinitro-2-methylphenol	40		49	ug/L	123		2	*	0	0	0
N-Nitrosodiphenylamine	40		48	ug/L	120		3	*	0	0	0
4-Bromophenyl-phenylether	40		49	ug/L	123		2	*	0	0	0

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM070621

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		43	ug/L	108		5	*	0	0	0
Hexachlorobenzene	40		50	ug/L	125		0		0	0	0
Atrazine	40		51	ug/L	128		2	*	0	0	0
Pentachlorophenol	40		49	ug/L	123	*	2		9	103	50
Phenanthrene	40		50	ug/L	125		0		0	0	0
Pentachlorobenzene	40		42	ug/L	105		2	*	0	0	0
Anthracene	40		49	ug/L	123		2	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		39	ug/L	98		9	*	0	0	0
Carbazole	40		51	ug/L	128		4	*	0	0	0
Di-n-butylphthalate	40		55	ug/L	138		5	*	0	0	0
Fluoranthene	40		53	ug/L	133		8	*	0	0	0
Pyrene	40		53	ug/L	133	*	8		26	127	31
Butylbenzylphthalate	40		57	ug/L	143		3	*	0	0	0
3,3'-Dichlorobenzidine	40		45	ug/L	113		6	*	0	0	0
Benzo(a)anthracene	40		50	ug/L	125		2	*	0	0	0
Chrysene	40		49	ug/L	123		2	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		58	ug/L	145		9	*	0	0	0
Di-n-octylphthalate	40		57	ug/L	143		14	*	0	0	0
Benzo(b)fluoranthene	40		53	ug/L	133		4	*	0	0	0
Benzo(k)fluoranthene	40		51	ug/L	128		8	*	0	0	0
Benzo(a)pyrene	40		50	ug/L	125		2	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		50	ug/L	125		7	*	0	0	0
Dibenzo(a,h)anthracene	40		50	ug/L	125		7	*	0	0	0
Benzo(g,h,i)perylene	40		50	ug/L	125		10	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		53	ug/L	133		4	*	0	0	0

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDCCC020	SSTDCCC020	BM030814.D	1,4-Dioxane-d8	8	8,365.00	104563	*	15	120
			Pyridine-d5	40	19,271.00	48177	*	20	120
			Phenol-d5	40	17,904.00	44760	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	18,456.00	46140	*	25	120
			2-Chlorophenol-d4	40	19,397.00	48492	*	20	130
			4-Methylphenol-d8	40	17,403.00	43508	*	25	125
			Nitrobenzene-d5	40	20,062.00	50155	*	20	125
			2-Nitrophenol-d4	40	20,223.00	50558	*	20	130
			2,4-Dichlorophenol-d3	40	19,769.00	49423	*	20	120
			4-Chloroaniline-d4	40	18,441.00	46102	*	1	145
			Dimethylphthalate-d6	40	19,528.00	48820	*	25	130
			Acenaphthylene-d8	40	19,683.00	49208	*	10	130
			4-Nitrophenol-d4	40	18,679.00	46698	*	10	150
			Fluorene-d10	40	20,080.00	50200	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	17,207.00	43017	*	10	130
			Anthracene-d10	40	19,608.00	49020	*	25	130
			Pyrene-d10	40	18,486.00	46215	*	15	130
			Benzo(a)pyrene-d12	40	19,891.00	49727	*	20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2825-15	BGDR3	BM030830.D	1,4-Dioxane-d8	8	0.92	11	*	15	120
			Pyridine-d5	40	1.15	3	*	20	120
			Phenol-d5	40	13.26	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.94	35		10	150
			2-Chlorophenol-d4	40	13.93	35		15	120
			4-Methylphenol-d8	40	13.93	35		10	140
			Nitrobenzene-d5	40	14.38	36		10	135
			2-Nitrophenol-d4	40	14.19	35		10	120
			2,4-Dichlorophenol-d3	40	13.99	35		10	140
			4-Chloroaniline-d4	40	14.22	36		1	145
			Dimethylphthalate-d6	40	16.61	42		10	145
			Acenaphthylene-d8	40	14.92	37		15	120
			4-Nitrophenol-d4	40	11.25	28		10	150
			Fluorene-d10	40	16.58	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.89	25		10	130
			Anthracene-d10	40	16.66	42		10	150
			Pyrene-d10	40	17.51	44		10	130
			Benzo(a)pyrene-d12	40	17.20	43		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2854-02	BGDS3	BM030843.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Pyridine-d5	40	4.89	12	*	20	120
			Phenol-d5	40	12.70	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.07	35		10	150
			2-Chlorophenol-d4	40	14.12	35		15	120
			4-Methylphenol-d8	40	11.43	29		10	140
			Nitrobenzene-d5	40	14.36	36		10	135
			2-Nitrophenol-d4	40	13.28	33		10	120
			2,4-Dichlorophenol-d3	40	13.41	34		10	140
			4-Chloroaniline-d4	40	10.94	27		1	145
			Dimethylphthalate-d6	40	16.01	40		10	145
			Acenaphthylene-d8	40	15.09	38		15	120
			4-Nitrophenol-d4	40	7.11	18		10	150
			Fluorene-d10	40	15.68	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.41	19		10	130
			Anthracene-d10	40	15.79	39		10	150
			Pyrene-d10	40	18.40	46		10	130
			Benzo(a)pyrene-d12	40	15.21	38		10	140
M2854-03	BGDS4	BM030842.D	1,4-Dioxane-d8	8	2.10	26		15	120
			Pyridine-d5	40	3.73	9	*	20	120
			Phenol-d5	40	10.58	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.37	28		10	150
			2-Chlorophenol-d4	40	11.67	29		15	120
			4-Methylphenol-d8	40	10.64	27		10	140
			Nitrobenzene-d5	40	11.76	29		10	135
			2-Nitrophenol-d4	40	11.24	28		10	120
			2,4-Dichlorophenol-d3	40	10.85	27		10	140
			4-Chloroaniline-d4	40	9.16	23		1	145
			Dimethylphthalate-d6	40	13.45	34		10	145
			Acenaphthylene-d8	40	12.36	31		15	120
			4-Nitrophenol-d4	40	6.89	17		10	150
			Fluorene-d10	40	13.03	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.84	20		10	130
			Anthracene-d10	40	13.46	34		10	150
			Pyrene-d10	40	16.30	41		10	130
			Benzo(a)pyrene-d12	40	13.14	33		10	140
M2854-04	BGDS5	BM030845.D	1,4-Dioxane-d8	8	2.20	28		15	120
			Pyridine-d5	40	5.30	13	*	20	120
			Phenol-d5	40	11.75	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.58	31		10	150
			2-Chlorophenol-d4	40	12.83	32		15	120
			4-Methylphenol-d8	40	12.30	31		10	140
			Nitrobenzene-d5	40	12.94	32		10	135
			2-Nitrophenol-d4	40	12.78	32		10	120
			2,4-Dichlorophenol-d3	40	12.74	32		10	140
			4-Chloroaniline-d4	40	12.17	30		1	145
			Dimethylphthalate-d6	40	16.06	40		10	145
			Acenaphthylene-d8	40	14.53	36		15	120
			4-Nitrophenol-d4	40	9.97	25		10	150
			Fluorene-d10	40	15.82	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.48	24		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2854-04	BGDS5	BM030845.D	Anthracene-d10	40	15.97	40		10	150
			Pyrene-d10	40	19.11	48		10	130
			Benzo(a)pyrene-d12	40	15.97	40		10	140
M2854-06	BGDS8	BM030840.D	1,4-Dioxane-d8	8	2.17	27		15	120
			Pyridine-d5	40	3.30	8	*	20	120
			Phenol-d5	40	10.62	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.73	29		10	150
			2-Chlorophenol-d4	40	11.80	30		15	120
			4-Methylphenol-d8	40	10.38	26		10	140
			Nitrobenzene-d5	40	12.22	31		10	135
			2-Nitrophenol-d4	40	11.75	29		10	120
			2,4-Dichlorophenol-d3	40	11.44	29		10	140
			4-Chloroaniline-d4	40	8.45	21		1	145
			Dimethylphthalate-d6	40	13.80	34		10	145
			Acenaphthylene-d8	40	12.81	32		15	120
			4-Nitrophenol-d4	40	6.84	17		10	150
			Fluorene-d10	40	14.09	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.55	16		10	130
			Anthracene-d10	40	13.95	35		10	150
			Pyrene-d10	40	14.93	37		10	130
			Benzo(a)pyrene-d12	40	11.49	29		10	140
M2854-08	BGDT0	BM030846.D	1,4-Dioxane-d8	8	5.29	66		15	120
			Pyridine-d5	40	23.88	60		20	120
			Phenol-d5	40	29.60	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.14	75		10	150
			2-Chlorophenol-d4	40	31.56	79		15	120
			4-Methylphenol-d8	40	29.33	73		10	140
			Nitrobenzene-d5	40	32.26	81		10	135
			2-Nitrophenol-d4	40	32.64	82		10	120
			2,4-Dichlorophenol-d3	40	31.51	79		10	140
			4-Chloroaniline-d4	40	29.38	73		1	145
			Dimethylphthalate-d6	40	33.87	85		10	145
			Acenaphthylene-d8	40	33.51	84		15	120
			4-Nitrophenol-d4	40	24.80	62		10	150
			Fluorene-d10	40	33.58	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.83	57		10	130
			Anthracene-d10	40	33.14	83		10	150
			Pyrene-d10	40	36.92	92		10	130
			Benzo(a)pyrene-d12	40	34.11	85		10	140
M2854-12	BGDT6	BM030844.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Pyridine-d5	40	7.40	19	*	20	120
			Phenol-d5	40	14.36	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.37	41		10	150
			2-Chlorophenol-d4	40	16.38	41		15	120
			4-Methylphenol-d8	40	14.19	35		10	140
			Nitrobenzene-d5	40	16.83	42		10	135
			2-Nitrophenol-d4	40	16.17	40		10	120
			2,4-Dichlorophenol-d3	40	14.95	37		10	140
			4-Chloroaniline-d4	40	12.46	31		1	145
			Dimethylphthalate-d6	40	19.22	48		10	145
			Acenaphthylene-d8	40	17.03	43		15	120

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2854-12	BGDT6	BM030844.D	4-Nitrophenol-d4	40	8.94	22		10	150
			Fluorene-d10	40	18.18	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.12	25		10	130
			Anthracene-d10	40	18.10	45		10	150
			Pyrene-d10	40	13.73	34		10	130
			Benzo(a)pyrene-d12	40	8.00	20		10	140
M2854-13	BGDT7	BM030847.D	1,4-Dioxane-d8	8	1.96	25		15	120
			Pyridine-d5	40	2.81	7	*	20	120
			Phenol-d5	40	10.07	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.14	28		10	150
			2-Chlorophenol-d4	40	11.26	28		15	120
			4-Methylphenol-d8	40	10.42	26		10	140
			Nitrobenzene-d5	40	11.46	29		10	135
			2-Nitrophenol-d4	40	10.86	27		10	120
			2,4-Dichlorophenol-d3	40	10.55	26		10	140
			4-Chloroaniline-d4	40	9.61	24		1	145
			Dimethylphthalate-d6	40	12.43	31		10	145
			Acenaphthylene-d8	40	11.78	29		15	120
			4-Nitrophenol-d4	40	5.40	13		10	150
			Fluorene-d10	40	12.62	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.69	12		10	130
			Anthracene-d10	40	12.39	31		10	150
			Pyrene-d10	40	13.32	33		10	130
			Benzo(a)pyrene-d12	40	10.16	25		10	140
M2854-19	BGDW3	BM030841.D	1,4-Dioxane-d8	8	2.45	31		15	120
			Pyridine-d5	40	3.56	9	*	20	120
			Phenol-d5	40	13.44	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.46	36		10	150
			2-Chlorophenol-d4	40	14.94	37		15	120
			4-Methylphenol-d8	40	11.54	29		10	140
			Nitrobenzene-d5	40	14.84	37		10	135
			2-Nitrophenol-d4	40	14.98	37		10	120
			2,4-Dichlorophenol-d3	40	14.53	36		10	140
			4-Chloroaniline-d4	40	13.25	33		1	145
			Dimethylphthalate-d6	40	17.23	43		10	145
			Acenaphthylene-d8	40	16.28	41		15	120
			4-Nitrophenol-d4	40	9.90	25		10	150
			Fluorene-d10	40	17.46	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.43	24		10	130
			Anthracene-d10	40	16.84	42		10	150
			Pyrene-d10	40	13.72	34		10	130
			Benzo(a)pyrene-d12	40	7.82	20		10	140
PB137437BL	PB137437BL	BM030825.D	1,4-Dioxane-d8	8	7.10	89		15	120
			Pyridine-d5	40	33.19	83		20	120
		BM030839.D	1,4-Dioxane-d8	8	6.69	84		15	120
			Pyridine-d5	40	33.69	84		20	120
			Phenol-d5	40	33.23	83		10	130
		BM030825.D	Phenol-d5	40	32.56	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.65	87		10	150
		BM030839.D	Bis(2-Chloroethyl)ether-d8	40	34.11	85		10	150
			2-Chlorophenol-d4	40	35.91	90		15	120

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB137437BL	PB137437BL	BM030825.D	2-Chlorophenol-d4	40	35.59	89		15	120
			4-Methylphenol-d8	40	33.19	83		10	140
		BM030839.D	4-Methylphenol-d8	40	33.61	84		10	140
			Nitrobenzene-d5	40	36.35	91		10	135
		BM030825.D	Nitrobenzene-d5	40	37.06	93		10	135
			2-Nitrophenol-d4	40	37.38	93		10	120
		BM030839.D	2-Nitrophenol-d4	40	37.41	94		10	120
			2,4-Dichlorophenol-d3	40	34.55	86		10	140
		BM030825.D	2,4-Dichlorophenol-d3	40	33.99	85		10	140
			4-Chloroaniline-d4	40	34.71	87		1	145
		BM030839.D	4-Chloroaniline-d4	40	34.86	87		1	145
			Dimethylphthalate-d6	40	39.22	98		10	145
		BM030825.D	Dimethylphthalate-d6	40	38.31	96		10	145
			Acenaphthylene-d8	40	37.21	93		15	120
		BM030839.D	Acenaphthylene-d8	40	37.97	95		15	120
			4-Nitrophenol-d4	40	32.38	81		10	150
		BM030825.D	4-Nitrophenol-d4	40	29.62	74		10	150
			Fluorene-d10	40	37.47	94		20	140
		BM030839.D	Fluorene-d10	40	38.32	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.49	69		10	130
		BM030825.D	4,6-Dinitro-2-methylphenol-d2	40	26.81	67		10	130
			Anthracene-d10	40	37.50	94		10	150
		BM030839.D	Anthracene-d10	40	38.46	96		10	150
			Pyrene-d10	40	42.75	107		10	130
		BM030825.D	Pyrene-d10	40	40.80	102		10	130
			Benzo(a)pyrene-d12	40	38.71	97		10	140
		BM030839.D	Benzo(a)pyrene-d12	40	38.31	96		10	140
PB137437BS	PB137437BS	BM030826.D	1,4-Dioxane-d8	8	6.33	79		15	120
			Pyridine-d5	40	27.04	68		20	120
			Phenol-d5	40	34.45	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.39	86		10	150
			2-Chlorophenol-d4	40	36.17	90		15	120
			4-Methylphenol-d8	40	33.73	84		10	140
			Nitrobenzene-d5	40	36.93	92		10	135
			2-Nitrophenol-d4	40	37.97	95		10	120
			2,4-Dichlorophenol-d3	40	37.40	93		10	140
			4-Chloroaniline-d4	40	31.54	79		1	145
			Dimethylphthalate-d6	40	38.50	96		10	145
			Acenaphthylene-d8	40	39.10	98		15	120
			4-Nitrophenol-d4	40	37.29	93		10	150
			Fluorene-d10	40	38.48	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.65	92		10	130
			Anthracene-d10	40	36.38	91		10	150
			Pyrene-d10	40	38.53	96		10	130
			Benzo(a)pyrene-d12	40	43.41	109		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2869-03DL	BGDX1DL	BM030831.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	4.35	11	*	20	120
			Phenol-d5	40	9.10	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.59	26		10	150
			2-Chlorophenol-d4	40	10.20	26		15	120
			4-Methylphenol-d8	40	8.63	22		10	140
			Nitrobenzene-d5	40	9.84	25		10	135
			2-Nitrophenol-d4	40	8.64	22		10	120
			2,4-Dichlorophenol-d3	40	9.04	23		10	140
			4-Chloroaniline-d4	40	7.57	19		1	145
			Dimethylphthalate-d6	40	11.71	29		10	145
			Acenaphthylene-d8	40	10.80	27		15	120
			4-Nitrophenol-d4	40	3.75	9	*	10	150
			Fluorene-d10	40	11.80	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.22	11		10	130
			Anthracene-d10	40	12.38	31		10	150
			Pyrene-d10	40	10.82	27		10	130
			Benzo(a)pyrene-d12	40	9.28	23		10	140
M2869-06DL	BGDX4DL	BM030834.D	1,4-Dioxane-d8	8	1.76	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	8.93	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.22	26		10	150
			2-Chlorophenol-d4	40	10.20	25		15	120
			4-Methylphenol-d8	40	9.08	23		10	140
			Nitrobenzene-d5	40	9.55	24		10	135
			2-Nitrophenol-d4	40	8.81	22		10	120
			2,4-Dichlorophenol-d3	40	9.46	24		10	140
			4-Chloroaniline-d4	40	6.26	16		1	145
			Dimethylphthalate-d6	40	12.67	32		10	145
			Acenaphthylene-d8	40	10.73	27		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	12.92	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.81	7	*	10	130
			Anthracene-d10	40	12.87	32		10	150
			Pyrene-d10	40	13.59	34		10	130
			Benzo(a)pyrene-d12	40	10.14	25		10	140
M2869-07DL	BGDX5DL	BM030832.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	5.93	15	*	20	120
			Phenol-d5	40	13.02	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.05	35		10	150
			2-Chlorophenol-d4	40	14.06	35		15	120
			4-Methylphenol-d8	40	13.15	33		10	140
			Nitrobenzene-d5	40	13.53	34		10	135
			2-Nitrophenol-d4	40	13.00	33		10	120
			2,4-Dichlorophenol-d3	40	13.31	33		10	140
			4-Chloroaniline-d4	40	9.28	23		1	145
			Dimethylphthalate-d6	40	15.75	39		10	145
			Acenaphthylene-d8	40	14.46	36		15	120
			4-Nitrophenol-d4	40	8.79	22		10	150
			Fluorene-d10	40	15.74	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.11	13		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2869-07DL	BGDX5DL	BM030832.D	Anthracene-d10	40	15.19	38		10	150
			Pyrene-d10	40	16.11	40		10	130
			Benzo(a)pyrene-d12	40	12.48	31		10	140
M2869-07DL2	BGDX5DL2	BM030833.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.25	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.10	30		10	150
			2-Chlorophenol-d4	40	12.49	31		15	120
			4-Methylphenol-d8	40	10.49	26		10	140
			Nitrobenzene-d5	40	11.65	29		10	135
			2-Nitrophenol-d4	40	9.38	23		10	120
			2,4-Dichlorophenol-d3	40	10.54	26		10	140
			4-Chloroaniline-d4	40	7.60	19		1	145
			Dimethylphthalate-d6	40	14.93	37		10	145
			Acenaphthylene-d8	40	12.82	32		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	15.12	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.04	8	*	10	130
			Anthracene-d10	40	15.89	40		10	150
			Pyrene-d10	40	16.13	40		10	130
			Benzo(a)pyrene-d12	40	12.01	30		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2905-01	DBK52	BM030823.D	Pyridine-d5	40	31.04	78		20	120
			1,4-Dioxane-d8	8	6.73	84		15	120
			Phenol-d5	40	33.67	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.63	87		25	120
			2-Chlorophenol-d4	40	36.19	90		20	130
			4-Methylphenol-d8	40	33.02	83		25	125
			Nitrobenzene-d5	40	37.38	93		20	125
			2-Nitrophenol-d4	40	36.88	92		20	130
			2,4-Dichlorophenol-d3	40	35.40	88		20	120
			4-Chloroaniline-d4	40	15.66	39		1	145
			Dimethylphthalate-d6	40	38.15	95		25	130
			Acenaphthylene-d8	40	37.60	94		10	130
			4-Nitrophenol-d4	40	29.52	74		10	150
			Fluorene-d10	40	37.74	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.12	65		10	130
			Anthracene-d10	40	37.06	93		25	130
			Pyrene-d10	40	39.11	98		15	130
			Benzo(a)pyrene-d12	40	38.36	96		20	130
M2905-05	DBK22	BM030827.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Pyridine-d5	40	5.16	13	*	20	120
			Phenol-d5	40	6.43	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.36	78		25	120
			2-Chlorophenol-d4	40	25.15	63		20	130
			4-Methylphenol-d8	40	14.79	37		25	125
			Nitrobenzene-d5	40	32.56	81		20	125
			2-Nitrophenol-d4	40	32.66	82		20	130
			2,4-Dichlorophenol-d3	40	28.16	70		20	120
			4-Chloroaniline-d4	40	25.91	65		1	145
			Dimethylphthalate-d6	40	37.30	93		25	130
			Acenaphthylene-d8	40	35.01	88		10	130
			4-Nitrophenol-d4	40	4.82	12		10	150
			Fluorene-d10	40	37.43	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.63	74		10	130
			Anthracene-d10	40	39.78	99		25	130
			Pyrene-d10	40	43.78	109		15	130
			Benzo(a)pyrene-d12	40	41.45	104		20	130
M2905-06MS	DBK22MS	BM030828.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Pyridine-d5	40	8.56	21		20	120
			Phenol-d5	40	8.83	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.98	92		25	120
			2-Chlorophenol-d4	40	30.75	77		20	130
			4-Methylphenol-d8	40	20.36	51		25	125
			Nitrobenzene-d5	40	39.40	98		20	125
			2-Nitrophenol-d4	40	39.44	99		20	130
			2,4-Dichlorophenol-d3	40	37.27	93		20	120
			4-Chloroaniline-d4	40	32.02	80		1	145
			Dimethylphthalate-d6	40	46.84	117		25	130
			Acenaphthylene-d8	40	42.77	107		10	130
			4-Nitrophenol-d4	40	11.25	28		10	150
			Fluorene-d10	40	45.32	113		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.69	112		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2905-06MS	DBK22MS	BM030828.D	Anthracene-d10	40	45.60	114		25	130
			Pyrene-d10	40	45.29	113		15	130
			Benzo(a)pyrene-d12	40	48.01	120		20	130
M2905-07MSD	DBK22MSD	BM030829.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	7.96	20		20	120
			Phenol-d5	40	8.64	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.25	91		25	120
			2-Chlorophenol-d4	40	30.67	77		20	130
			4-Methylphenol-d8	40	19.67	49		25	125
			Nitrobenzene-d5	40	39.48	99		20	125
			2-Nitrophenol-d4	40	39.32	98		20	130
			2,4-Dichlorophenol-d3	40	37.63	94		20	120
			4-Chloroaniline-d4	40	31.23	78		1	145
			Dimethylphthalate-d6	40	45.95	115		25	130
			Acenaphthylene-d8	40	42.73	107		10	130
			4-Nitrophenol-d4	40	10.39	26		10	150
			Fluorene-d10	40	44.57	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	43.88	110		10	130
			Anthracene-d10	40	44.94	112		25	130
			Pyrene-d10	40	48.48	121		15	130
			Benzo(a)pyrene-d12	40	46.67	117		20	130
M2905-08DL	DBK24DL	BM030836.D	1,4-Dioxane-d8	8	2.43	30		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	5.32	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.83	62		25	120
			2-Chlorophenol-d4	40	19.73	49		20	130
			4-Methylphenol-d8	40	11.94	30		25	125
			Nitrobenzene-d5	40	22.74	57		20	125
			2-Nitrophenol-d4	40	20.61	52		20	130
			2,4-Dichlorophenol-d3	40	22.00	55		20	120
			4-Chloroaniline-d4	40	17.97	45		1	145
			Dimethylphthalate-d6	40	34.21	86		25	130
			Acenaphthylene-d8	40	26.28	66		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	31.29	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	60.58	151	*	10	130
			Anthracene-d10	40	35.53	89		25	130
			Pyrene-d10	40	34.94	87		15	130
			Benzo(a)pyrene-d12	40	35.25	88		20	130
M2905-09DL	DBK25DL	BM030837.D	1,4-Dioxane-d8	8	0.22	3	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	5.14	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.40	66		25	120
			2-Chlorophenol-d4	40	20.43	51		20	130
			4-Methylphenol-d8	40	11.48	29		25	125
			Nitrobenzene-d5	40	23.02	58		20	125
			2-Nitrophenol-d4	40	20.85	52		20	130
			2,4-Dichlorophenol-d3	40	20.64	52		20	120
			4-Chloroaniline-d4	40	17.39	43		1	145
			Dimethylphthalate-d6	40	35.14	88		25	130
			Acenaphthylene-d8	40	27.94	70		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2905-09DL	DBK25DL	BM030837.D	4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	32.42	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.67	112		10	130
			Anthracene-d10	40	37.12	93		25	130
			Pyrene-d10	40	37.41	94		15	130
			Benzo(a)pyrene-d12	40	35.55	89		20	130
PB137472BL	PB137472BL	BM030822.D	Pyridine-d5	40	31.82	80		20	120
			1,4-Dioxane-d8	8	6.84	85		15	120
			Phenol-d5	40	32.32	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.66	84		25	120
			2-Chlorophenol-d4	40	35.56	89		20	130
			4-Methylphenol-d8	40	32.58	81		25	125
			Nitrobenzene-d5	40	35.96	90		20	125
			2-Nitrophenol-d4	40	37.00	92		20	130
			2,4-Dichlorophenol-d3	40	33.61	84		20	120
			4-Chloroaniline-d4	40	34.62	87		1	145
			Dimethylphthalate-d6	40	39.11	98		25	130
			Acenaphthylene-d8	40	37.10	93		10	130
			4-Nitrophenol-d4	40	32.56	81		10	150
			Fluorene-d10	40	38.15	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.53	71		10	130
			Anthracene-d10	40	38.22	96		25	130
			Pyrene-d10	40	37.96	95		15	130
			Benzo(a)pyrene-d12	40	38.42	96		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM070621

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
M2905-15DL	DBK38DL	BM030835.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	6.89	17	*	20	120
			Phenol-d5	40	5.20	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.85	67		25	120
			2-Chlorophenol-d4	40	21.44	54		20	130
			4-Methylphenol-d8	40	12.55	31		25	125
			Nitrobenzene-d5	40	26.53	66		20	125
			2-Nitrophenol-d4	40	24.33	61		20	130
			2,4-Dichlorophenol-d3	40	22.60	56		20	120
			4-Chloroaniline-d4	40	21.11	53		1	145
			Dimethylphthalate-d6	40	32.51	81		25	130
			Acenaphthylene-d8	40	28.59	71		10	130
			4-Nitrophenol-d4	40	1.32	3	*	10	150
			Fluorene-d10	40	31.12	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.11	35		10	130
			Anthracene-d10	40	34.49	86		25	130
			Pyrene-d10	40	39.56	99		15	130
			Benzo(a)pyrene-d12	40	34.81	87		20	130

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM070621

Lab Code: CHEM SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030813.D DFTPP Injection Date: 07/06/2021

Instrument ID: BNA_M DFTPP Injection Time: 08:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	72.3
443	15.0 - 24.0% of mass 442	13.5 (18.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC020	SSTDCCC020	BM030814.D	07/06/2021	10:16
SSTD005102	SSTD00502	BM030815.D	07/06/2021	10:52
SSTD010103	SSTD01003	BM030816.D	07/06/2021	11:29
SSTD020104	SSTD02004	BM030817.D	07/06/2021	12:05
SSTD040105	SSTD04005	BM030818.D	07/06/2021	12:42
SSTD080106	SSTD08006	BM030819.D	07/06/2021	13:19
SSTD160101	SSTD16001	BM030820.D	07/06/2021	13:55
SICV017	SSTDICV020	BM030821.D	07/06/2021	14:55
SBLK472	PB137472BL	BM030822.D	07/06/2021	15:31
DBK52	M2905-01	BM030823.D	07/06/2021	17:06
SSTD020018	SSTDCCC020	BM030824.D	07/06/2021	17:51
SBLK437	PB137437BL	BM030825.D	07/06/2021	18:28
SLCS437	PB137437BS	BM030826.D	07/06/2021	19:05
DBK22	M2905-05	BM030827.D	07/06/2021	19:42
DBK22MS	M2905-06MS	BM030828.D	07/06/2021	20:19
DBK22MSD	M2905-07MSD	BM030829.D	07/06/2021	20:55
BGDR3	M2825-15	BM030830.D	07/06/2021	21:32
BGDX1DL	M2869-03DL	BM030831.D	07/06/2021	22:09
BGDX5DL	M2869-07DL	BM030832.D	07/06/2021	22:46

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM070621

Lab Code: CHEM SAS No.: BM070621 SDG NO.: BM070621

Lab File ID: BM030813.D DFTPP Injection Date: 07/06/2021

Instrument ID: BNA_M DFTPP Injection Time: 08:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	72.3
443	15.0 - 24.0% of mass 442	13.5 (18.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BGDX5DL2	M2869-07DL2	BM030833.D	07/06/2021	23:22
BGDX4DL	M2869-06DL	BM030834.D	07/06/2021	23:59
DBK38DL	M2905-15DL	BM030835.D	07/07/2021	00:36
DBK24DL	M2905-08DL	BM030836.D	07/07/2021	01:12
DBK25DL	M2905-09DL	BM030837.D	07/07/2021	01:49
SSTD020019	SSTDCCC020	BM030838.D	07/07/2021	03:02
SBLK437	PB137437BL	BM030839.D	07/07/2021	03:38
BGDS8	M2854-06	BM030840.D	07/07/2021	04:15
BGDW3	M2854-19	BM030841.D	07/07/2021	04:51
BGDS4	M2854-03	BM030842.D	07/07/2021	05:28
BGDS3	M2854-02	BM030843.D	07/07/2021	06:04
BGDT6	M2854-12	BM030844.D	07/07/2021	06:40
BGDS5	M2854-04	BM030845.D	07/07/2021	07:17
BGDT0	M2854-08	BM030846.D	07/07/2021	07:53
BGDT7	M2854-13	BM030847.D	07/07/2021	08:29