

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00

Lab File ID: BP021452.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.497	0.010	2.8665	40.0
Benzaldehyde	0.822	1.021	0.010	24.1593	40.0
Pyridine	1.312	1.226	0.010	-6.6015	40.0
Phenol	1.650	1.614	0.080	-2.1795	20.0
Bis(2-Chloroethyl)ether	1.363	1.314	0.100	-3.5795	20.0
2-Chlorophenol	1.346	1.317	0.200	-2.1622	20.0
2-Methylphenol	1.276	1.196	0.010	-6.2764	20.0
2,2-oxybis(1-Chloropropane)	1.969	2.015	0.010	2.316	40.0
Acetophenone	2.090	2.087	0.060	-0.1645	20.0
4-Methylphenol	1.367	1.343	0.010	-1.7373	20.0
N-Nitroso-di-n-propylamine	1.095	1.086	0.050	-0.8184	30.0
Hexachloroethane	0.605	0.570	0.100	-5.7289	20.0
Nitrobenzene	0.372	0.376	0.050	1.1438	25.0
Isophorone	0.740	0.727	0.050	-1.7089	25.0
2-Nitrophenol	0.185	0.181	0.050	-2.2426	25.0
2,4-Dimethylphenol	0.366	0.360	0.050	-1.6744	25.0
Bis(2-Chloroethoxy)methane	0.450	0.436	0.050	-3.0593	20.0
2,4-Dichlorophenol	0.317	0.301	0.060	-5.1084	20.0
Naphthalene	1.052	1.031	0.200	-2.0254	20.0
4-Chloroaniline	0.407	0.404	0.010	-0.7026	40.0
Hexachlorobutadiene	0.238	0.222	0.040	-6.4009	30.0
Caprolactam	0.098	0.091	0.010	-6.9705	40.0
4-Chloro-3-methylphenol	0.344	0.344	0.040	-0.0481	25.0
1-Methylnaphthalene	0.743	0.730	0.100	-1.6777	20.0
2-Methylnaphthalene	0.722	0.708	0.100	-2.0066	20.0
Hexachlorocyclopentadiene	0.340	0.413	0.010	21.4167	40.0
2,4,6-Trichlorophenol	0.410	0.388	0.090	-5.5684	25.0
2,4,5-Trichlorophenol	0.434	0.409	0.100	-5.892	25.0
1,1-Biphenyl	1.462	1.441	0.200	-1.4357	20.0
2-Chloronaphthalene	1.167	1.148	0.300	-1.6124	20.0
2-Nitroaniline	0.323	0.349	0.050	8.2271	40.0
Dimethylphthalate	1.475	1.463	0.300	-0.8176	20.0
2,6-Dinitrotoluene	0.295	0.299	0.080	1.3607	30.0
Acenaphthylene	1.848	1.841	0.400	-0.3725	20.0
3-Nitroaniline	0.257	0.283	0.010	10.1011	40.0
Acenaphthene	1.227	1.235	0.200	0.6861	20.0
2,4-Dinitrophenol	0.155	0.175	0.010	13.0434	40.0
4-Nitrophenol	0.168	0.209	0.010	24.3339	40.0
Dibenzofuran	1.680	1.718	0.300	2.2828	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00

Lab File ID: BP021452.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.443	0.070	9.497	30.0
Diethylphthalate	1.474	1.496	0.300	1.4496	20.0
Fluorene	1.371	1.397	0.200	1.9312	20.0
4-Chlorophenyl-phenylether	0.744	0.730	0.100	-1.8314	20.0
4-Nitroaniline	0.213	0.266	0.010	25.3499	40.0
4,6-Dinitro-2-methylphenol	0.128	0.114	0.010	-11.4016	40.0
N-Nitrosodiphenylamine	0.582	0.557	0.050	-4.3844	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.630	0.100	-3.0806	20.0
4-Bromophenyl-phenylether	0.234	0.216	0.070	-7.6637	20.0
Hexachlorobenzene	0.269	0.256	0.050	-4.8116	25.0
Atrazine	0.212	0.214	0.010	1.0396	25.0
Pentachlorophenol	0.146	0.148	0.010	1.1958	40.0
Phenanthrene	1.038	1.034	0.200	-0.3297	20.0
Pentachlorobenzene	0.318	0.292	0.050	-8.1169	20.0
Anthracene	1.058	1.063	0.200	0.5269	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.292	0.050	-8.6851	20.0
Carbazole	0.865	0.857	0.050	-0.9396	40.0
Di-n-butylphthalate	1.193	1.158	0.500	-2.8912	25.0
Fluoranthene	1.493	1.278	0.400	-14.4037	25.0
Pyrene	1.520	1.331	0.400	-12.3731	25.0
Butylbenzylphthalate	0.633	0.554	0.100	-12.5061	40.0
3,3-Dichlorobenzidine	0.457	0.402	0.010	-11.9904	40.0
Benzo (a) anthracene	1.401	1.328	0.300	-5.1974	30.0
Chrysene	1.302	1.251	0.200	-3.943	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.794	0.200	-12.8319	40.0
Di-n-octyl phthalate	1.321	1.274	0.010	-3.5361	40.0
Benzo (b) fluoranthene	1.214	1.229	0.200	1.2522	25.0
Benzo (k) fluoranthene	1.211	1.214	0.200	0.1965	25.0
Benzo (a) pyrene	1.147	1.084	0.200	-5.5021	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.483	0.200	0.3484	25.0
Dibenzo (a,h) anthracene	1.224	1.243	0.200	1.561	30.0
Benzo (g,h,i) perylene	1.204	1.176	0.200	-2.2698	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.366	0.040	-1.6706	20.0
1,4-Dioxane-d8	0.440	0.450	0.010	2.4138	25.0
Pyridine-d5	1.272	1.189	0.010	-6.5478	40.0
Phenol-d5	1.631	1.546	0.010	-5.1907	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.972	0.050	-1.6149	25.0
2-Chlorophenol-d4	1.343	1.292	0.200	-3.8178	20.0
4-Methylphenol-d8	1.354	1.255	0.010	-7.3383	20.0

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Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00

Lab File ID: BP021452.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.153	0.050	-1.8161	20.0
2-Nitrophenol-d4	0.178	0.170	0.050	-4.3654	30.0
2,4-Dichlorophenol-d3	0.322	0.303	0.060	-5.7394	20.0
4-Chloroaniline-d4	0.426	0.420	0.010	-1.4333	40.0
Dimethylphthalate-d6	1.454	1.466	0.300	0.8217	20.0
Acenaphthylene-d8	1.633	1.640	0.400	0.4599	20.0
4-Nitrophenol-d4	0.207	0.262	0.010	26.6231	40.0
Fluorene-d10	1.193	1.219	0.100	2.1892	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.110	0.010	-9.1305	40.0
Anthracene-d10	0.888	0.885	0.300	-0.4025	20.0
Pyrene-d10	1.236	1.089	0.300	-11.8979	25.0
Benzo(a)pyrene-d12	0.986	0.954	0.010	-3.3173	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824
Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16
Lab File ID: BP021463.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020737 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.479	0.010	-0.9772	50.0
Benzaldehyde	0.822	1.013	0.010	23.2135	50.0
Pyridine	1.312	1.078	0.010	-17.881	50.0
Phenol	1.650	1.597	0.080	-3.2302	50.0
Bis(2-Chloroethyl)ether	1.363	1.299	0.100	-4.6655	50.0
2-Chlorophenol	1.346	1.267	0.200	-5.9309	50.0
2-Methylphenol	1.276	1.223	0.010	-4.1764	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.985	0.010	0.8139	50.0
Acetophenone	2.090	2.068	0.060	-1.0739	50.0
4-Methylphenol	1.367	1.288	0.010	-5.7812	50.0
N-Nitroso-di-n-propylamine	1.095	1.035	0.050	-5.4915	50.0
Hexachloroethane	0.605	0.565	0.100	-6.6827	50.0
Nitrobenzene	0.372	0.460	0.050	23.6474	50.0
Isophorone	0.740	0.794	0.050	7.3593	50.0
2-Nitrophenol	0.185	0.184	0.050	-0.7805	50.0
2,4-Dimethylphenol	0.366	0.344	0.050	-5.9057	50.0
Bis(2-Chloroethoxy)methane	0.450	0.405	0.050	-9.8953	50.0
2,4-Dichlorophenol	0.317	0.295	0.060	-6.7709	50.0
Naphthalene	1.052	1.021	0.200	-2.9024	50.0
4-Chloroaniline	0.407	0.394	0.010	-3.1941	50.0
Hexachlorobutadiene	0.238	0.235	0.040	-1.0187	50.0
Caprolactam	0.098	0.096	0.010	-2.125	50.0
4-Chloro-3-methylphenol	0.344	0.338	0.040	-1.8295	50.0
1-Methylnaphthalene	0.743	0.738	0.100	-0.5887	50.0
2-Methylnaphthalene	0.722	0.707	0.100	-2.0618	50.0
Hexachlorocyclopentadiene	0.340	0.320	0.010	-5.7072	50.0
2,4,6-Trichlorophenol	0.410	0.327	0.090	-20.2851	50.0
2,4,5-Trichlorophenol	0.434	0.355	0.100	-18.3448	50.0
1,1-Biphenyl	1.462	1.208	0.200	-17.3184	50.0
2-Chloronaphthalene	1.167	0.990	0.300	-15.1706	50.0
2-Nitroaniline	0.323	0.344	0.050	6.6171	50.0
Dimethylphthalate	1.475	1.463	0.300	-0.8107	50.0
2,6-Dinitrotoluene	0.295	0.295	0.080	0.0465	50.0
Acenaphthylene	1.848	1.816	0.400	-1.7715	50.0
3-Nitroaniline	0.257	0.278	0.010	8.3123	50.0
Acenaphthene	1.227	1.206	0.200	-1.6854	50.0
2,4-Dinitrophenol	0.155	0.169	0.010	9.0685	50.0
4-Nitrophenol	0.168	0.209	0.010	24.1764	50.0
Dibenzofuran	1.680	1.699	0.300	1.1612	50.0

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Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16

Lab File ID: BP021463.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.442	0.070	9.2079	50.0
Diethylphthalate	1.474	1.476	0.300	0.1355	50.0
Fluorene	1.371	1.377	0.200	0.4761	50.0
4-Chlorophenyl-phenylether	0.744	0.713	0.100	-4.1385	50.0
4-Nitroaniline	0.213	0.265	0.010	24.7798	50.0
4,6-Dinitro-2-methylphenol	0.128	0.116	0.010	-9.5352	50.0
N-Nitrosodiphenylamine	0.582	0.543	0.050	-6.8134	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.548	0.100	-15.5787	50.0
4-Bromophenyl-phenylether	0.234	0.215	0.070	-8.4786	50.0
Hexachlorobenzene	0.269	0.251	0.050	-6.5666	50.0
Atrazine	0.212	0.211	0.010	-0.5506	50.0
Pentachlorophenol	0.146	0.119	0.010	-18.1686	50.0
Phenanthrene	1.038	1.042	0.200	0.4059	50.0
Pentachlorobenzene	0.318	0.292	0.050	-8.1401	50.0
Anthracene	1.058	1.060	0.200	0.2271	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.257	0.050	-19.8694	50.0
Carbazole	0.865	0.921	0.050	6.5508	50.0
Di-n-butylphthalate	1.193	1.167	0.500	-2.1923	50.0
Fluoranthene	1.493	1.273	0.400	-14.7761	50.0
Pyrene	1.520	1.318	0.400	-13.2615	50.0
Butylbenzylphthalate	0.633	0.533	0.100	-15.7356	50.0
3,3-Dichlorobenzidine	0.457	0.431	0.010	-5.6493	50.0
Benzo (a) anthracene	1.401	1.345	0.300	-3.9634	50.0
Chrysene	1.302	1.277	0.200	-1.9247	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.761	0.200	-16.4836	50.0
Di-n-octyl phthalate	1.321	1.136	0.010	-14.0378	50.0
Benzo (b) fluoranthene	1.214	1.161	0.200	-4.3012	50.0
Benzo (k) fluoranthene	1.211	1.201	0.200	-0.8362	50.0
Benzo (a) pyrene	1.147	1.108	0.200	-3.4061	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.302	0.200	-11.8744	50.0
Dibenzo (a,h) anthracene	1.224	1.100	0.200	-10.1064	50.0
Benzo (g,h,i) perylene	1.204	1.122	0.200	-6.7892	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.359	0.040	-3.3658	50.0
1,4-Dioxane-d8	0.440	0.424	0.010	-3.5785	50.0
Pyridine-d5	1.272	1.081	0.010	-15.0049	50.0
Phenol-d5	1.631	1.524	0.010	-6.5395	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.954	0.050	-3.5024	50.0
2-Chlorophenol-d4	1.343	1.291	0.200	-3.9293	50.0
4-Methylphenol-d8	1.354	1.219	0.010	-9.9972	50.0

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Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16

Lab File ID: BP021463.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.182	0.050	16.9995	50.0
2-Nitrophenol-d4	0.178	0.187	0.050	4.9713	50.0
2,4-Dichlorophenol-d3	0.322	0.306	0.060	-4.7018	50.0
4-Chloroaniline-d4	0.426	0.416	0.010	-2.2735	50.0
Dimethylphthalate-d6	1.454	1.450	0.300	-0.2579	50.0
Acenaphthylene-d8	1.633	1.597	0.400	-2.189	50.0
4-Nitrophenol-d4	0.207	0.228	0.010	10.1327	50.0
Fluorene-d10	1.193	1.208	0.100	1.305	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-9.9086	50.0
Anthracene-d10	0.888	0.893	0.300	0.5204	50.0
Pyrene-d10	1.236	1.073	0.300	-13.2312	50.0
Benzo(a)pyrene-d12	0.986	0.971	0.010	-1.5931	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	10000	ug/Kg
110-86-1	Pyridine	1700	U	1700	5000	10000	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	780	U	780	1300	5000	ug/Kg
95-48-7	2-Methylphenol	870	U	870	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	970	U	970	2500	10000	ug/Kg
106-44-5	4-Methylphenol	850	U	850	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	940	U	940	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	710	U	710	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	640	U	640	1300	5000	ug/Kg
91-20-3	Naphthalene	700	U	700	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	560	U	560	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	640	U	640	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	760	U	760	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	700	U	700	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	700	U	700	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	730	U	730	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	790	U	790	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	850	U	850	2500	10000	ug/Kg
83-32-9	Acenaphthene	820	U	820	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	10000	ug/Kg
132-64-9	Dibenzofuran	720	U	720	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	970	U	970	1300	5000	ug/Kg
84-66-2	Diethylphthalate	820	U	820	1300	5000	ug/Kg
86-73-7	Fluorene	710	U	710	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	710	U	710	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	770	U	770	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	730	U	730	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	U	710	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	810	U	810	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	10000	ug/Kg
85-01-8	Phenanthrene	840	U	840	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	680	U	680	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	610	U	610	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	550	U	550	1300	5000	ug/Kg
218-01-9	Chrysene	780	U	780	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	770	U	770	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770	U	770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920	U	920	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970	U	970	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.523		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	21.571		20-120		54	SPK: -40
4165-62-2	Phenol-d5	22.011		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.512		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.33		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.525		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	28.545		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.501		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.475		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.163		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.146		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.118		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.549		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.547		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.856		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	26.809		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	23.672		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.804		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172576	7.61				
1146-65-2	Naphthalene-d8	582590	10.381				
15067-26-2	Acenaphthene-d10	465613	14.251				
1517-22-2	Phenanthrene-d10	1024999	17.075				
1719-03-5	Chrysene-d12	1045428	21.515				
1520-96-3	Perylene-d12	1173217	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.709		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	22.273		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.782		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.486		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.839		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.51		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.023		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.586		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.181		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.664		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.931		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	26.645		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.819		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.66		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.285		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	27.148		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	25.044		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.495		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174527	7.604				
1146-65-2	Naphthalene-d8	707112	10.381				
15067-26-2	Acenaphthene-d10	384377	14.251				
1517-22-2	Phenanthrene-d10	859642	17.069				
1719-03-5	Chrysene-d12	992024	21.521				
1520-96-3	Perylene-d12	1113121	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6200	U	6200	4600	46000	ug/Kg
100-52-7	Benzaldehyde	32000	U	32000	56900	230000	ug/Kg
110-86-1	Pyridine	39000	U	39000	113900	230000	ug/Kg
108-95-2	Phenol	28000	U	28000	56900	230000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	25000	U	25000	56900	230000	ug/Kg
95-57-8	2-Chlorophenol	18000	U	18000	29300	120000	ug/Kg
95-48-7	2-Methylphenol	20000	U	20000	56900	230000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46000	U	46000	56900	230000	ug/Kg
98-86-2	Acetophenone	41000	JD	22000	56900	230000	ug/Kg
106-44-5	4-Methylphenol	20000	U	20000	56900	230000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39000	U	39000	29300	120000	ug/Kg
67-72-1	Hexachloroethane	11000	U	11000	29300	120000	ug/Kg
98-95-3	Nitrobenzene	22000	U	22000	29300	120000	ug/Kg
78-59-1	Isophorone	25000	U	25000	29300	120000	ug/Kg
88-75-5	2-Nitrophenol	16000	U	16000	29300	120000	ug/Kg
105-67-9	2,4-Dimethylphenol	16000	U	16000	29300	120000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30000	U	30000	29300	120000	ug/Kg
120-83-2	2,4-Dichlorophenol	15000	U	15000	29300	120000	ug/Kg
91-20-3	Naphthalene	3600000	ED	16000	29300	120000	ug/Kg
106-47-8	4-Chloroaniline	13000	U	13000	29300	230000	ug/Kg
87-68-3	Hexachlorobutadiene	32000	U	32000	29300	120000	ug/Kg
105-60-2	Caprolactam	64000	U	64000	56900	230000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30000	U	30000	29300	120000	ug/Kg
90-12-0	1-Methylnaphthalene	920000	D	28000	29300	120000	ug/Kg
91-57-6	2-Methylnaphthalene	2000000	ED	15000	29300	120000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	62000	U	62000	56900	230000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28000	U	28000	29300	120000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	17000	U	17000	29300	120000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	520000	D	16000	29300	120000	ug/Kg
91-58-7	2-Chloronaphthalene	16000	U	16000	29300	120000	ug/Kg
88-74-4	2-Nitroaniline	37000	U	37000	29300	120000	ug/Kg
131-11-3	Dimethylphthalate	17000	U	17000	29300	120000	ug/Kg
606-20-2	2,6-Dinitrotoluene	30000	U	30000	29300	120000	ug/Kg
208-96-8	Acenaphthylene	30000	JD	18000	29300	120000	ug/Kg
99-09-2	3-Nitroaniline	20000	U	20000	56900	230000	ug/Kg
83-32-9	Acenaphthene	2700000	ED	19000	29300	120000	ug/Kg
51-28-5	2,4-Dinitrophenol	67000	U	67000	56900	230000	ug/Kg
100-02-7	4-Nitrophenol	25000	U	25000	56900	230000	ug/Kg
132-64-9	Dibenzofuran	2200000	ED	17000	29300	120000	ug/Kg
121-14-2	2,4-Dinitrotoluene	22000	U	22000	29300	120000	ug/Kg
84-66-2	Diethylphthalate	19000	U	19000	29300	120000	ug/Kg
86-73-7	Fluorene	2600000	ED	16000	29300	120000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	16000	U	16000	29300	120000	ug/Kg
100-01-6	4-Nitroaniline	18000	U	18000	56900	230000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51000	U	51000	56900	230000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	17000	U	17000	29300	120000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15000	U	15000	29300	120000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16000	U	16000	29300	120000	ug/Kg
118-74-1	Hexachlorobenzene	19000	U	19000	29300	120000	ug/Kg
1912-24-9	Atrazine	46000	U	46000	56900	230000	ug/Kg
87-86-5	Pentachlorophenol	41000	U	41000	56900	230000	ug/Kg
85-01-8	Phenanthrene	7400000	ED	19000	29300	120000	ug/Kg
608-93-5	Pentachlorobenzene	37000	U	37000	29300	120000	ug/Kg
120-12-7	Anthracene	3200000	ED	16000	29300	120000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39000	U	39000	29300	120000	ug/Kg
86-74-8	Carbazole	1400000	D	14000	56900	230000	ug/Kg
84-74-2	Di-n-butylphthalate	35000	U	35000	29300	120000	ug/Kg
206-44-0	Fluoranthene	4900000	ED	32000	56900	120000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500000	ED	25000	29300	120000	ug/Kg
85-68-7	Butylbenzylphthalate	55000	U	55000	29300	120000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37000	U	37000	56900	230000	ug/Kg
56-55-3	Benzo(a)anthracene	1700000	D	13000	29300	120000	ug/Kg
218-01-9	Chrysene	1500000	D	18000	29300	120000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60000	U	60000	29300	120000	ug/Kg
117-84-0	Di-n-octyl phthalate	62000	U	62000	56900	230000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500000	D	25000	29300	120000	ug/Kg
207-08-9	Benzo(k)fluoranthene	640000	D	18000	29300	120000	ug/Kg
50-32-8	Benzo(a)pyrene	890000	D	25000	29300	120000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520000	D	21000	29300	120000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180000	D	18000	29300	120000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100000	JD	21000	29300	120000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	22000	U	22000	29300	120000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.58		15-120		32	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	4		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.71		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.36		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	8		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	6.29		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.6		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.09		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.59		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	10.91		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.03		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	11.89		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.84	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	13.3		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.11		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.98		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168551	7.616				
1146-65-2	Naphthalene-d8	707152	10.363				
15067-26-2	Acenaphthene-d10	445614	14.245				
1517-22-2	Phenanthrene-d10	932657	17.069				
1719-03-5	Chrysene-d12	830784	21.504				
1520-96-3	Perylene-d12	1081722	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000270-82-6	Benzo[c]thiophene	130000	JD			10.545	
001127-76-0	Naphthalene, 1-ethyl-	160000	JD			13.257	
000581-42-0	Naphthalene, 2,6-dimethyl-	140000	JD			13.398	
000573-98-8	Naphthalene, 1,2-dimethyl-	270000	JD			13.557	
000575-37-1	Naphthalene, 1,7-dimethyl-	170000	JD			13.61	
000575-43-9	Naphthalene, 1,6-dimethyl-	150000	JD			13.804	
001855-47-6	1-Isopropenylnaphthalene	190000	JD			15.445	
000101-81-5	Diphenylmethane	240000	JD			15.486	
000954-21-2	Nordiphenamid	140000	JD			15.569	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	250000	JD			15.616	
001689-64-1	9H-Fluoren-9-ol	440000	JD			15.78	
000613-31-0	Anthracene, 9,10-dihydro-	110000	JD			16.139	
001730-37-6	9H-Fluorene, 1-methyl-	300000	JD			16.357	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	140000	JD			16.792	
000132-65-0	Dibenzothiophene	650000	JD			16.886	
000260-94-6	Acridine	260000	JD			17.298	
000605-02-7	Naphthalene, 1-phenyl-	90000	JD			17.592	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	510000	JD			17.974	
000832-69-9	Phenanthrene, 1-methyl-	660000	JD			18.021	
000613-12-7	Anthracene, 2-methyl-	280000	JD			18.11	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200000	JD			18.174	
000610-48-0	Anthracene, 1-methyl-	260000	JD			18.216	
000612-94-2	Naphthalene, 2-phenyl-	430000	JD			18.498	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160000	JD			18.927	
000243-17-4	11H-Benzo[b]fluorene	130000	JD			20.11	
002381-21-7	Pyrene, 1-methyl-	150000	JD			20.21	
007476-08-6	Benz(a)anthracene-7-carbonitrile	110000	JD			23.386	
000192-97-2	Benzo[e]pyrene	350000	JD			24.009	
000198-55-0	Perylene	410000	JD			24.468	
	unknown-01	270000	JD			24.874	
E966796	Total Alkanes	16000	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9800		270	200	2000	ug/Kg
100-52-7	Benzaldehyde	28000		1400	2500	9900	ug/Kg
110-86-1	Pyridine	21000		1700	4900	9900	ug/Kg
108-95-2	Phenol	28000		1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	26000		1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	28000		770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	27000		860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27000		2000	2500	9900	ug/Kg
98-86-2	Acetophenone	28000		960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	28000		840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	27000		1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	26000		480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	28000		930	1300	5000	ug/Kg
78-59-1	Isophorone	27000		1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	28000		690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	23000		700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000		1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	27000		630	1300	5000	ug/Kg
91-20-3	Naphthalene	27000		690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	25000		550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	26000		1400	1300	5000	ug/Kg
105-60-2	Caprolactam	31000		2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29000		1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	27000		1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	28000		630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8600	J	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	26000		750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28000		690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	27000		690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	32000		1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	28000		720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	29000		1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	27000		780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	33000		840	2500	9900	ug/Kg
83-32-9	Acenaphthene	27000		810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	28000		2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	27000		1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	29000		710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	32000		960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	29000		810	1300	5000	ug/Kg
86-73-7	Fluorene	29000		700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28000		700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	40000		760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	27000		2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27000		720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27000		630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26000		700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	27000		800	1300	5000	ug/Kg
1912-24-9	Atrazine	3000	J	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	19000		1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	29000		830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	25000		1600	1300	5000	ug/Kg
120-12-7	Anthracene	28000		670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	25000		1700	1300	5000	ug/Kg
86-74-8	Carbazole	31000		600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	28000		1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	25000		1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26000		1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	26000		2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28000		1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	28000		540	1300	5000	ug/Kg
218-01-9	Chrysene	29000		770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25000		2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	27000		2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	29000		1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	29000		760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	28000		1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29000		900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29000		760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27000		910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000		960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.382		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	21.91		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.351		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.119		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.781		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.264		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.072		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.444		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.151		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.757		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.795		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.422		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.074		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	29.94		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.174		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	28.365		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.277		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.923		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170089	7.611				
1146-65-2	Naphthalene-d8	707632	10.369				
15067-26-2	Acenaphthene-d10	469380	14.246				
1517-22-2	Phenanthrene-d10	1022683	17.075				
1719-03-5	Chrysene-d12	993903	21.51				
1520-96-3	Perylene-d12	1133750	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9500		260	190	2000	ug/Kg
100-52-7	Benzaldehyde	26000		1400	2400	9800	ug/Kg
110-86-1	Pyridine	20000		1700	4900	9800	ug/Kg
108-95-2	Phenol	26000		1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	25000		1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	26000		760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	26000		850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	26000		2000	2400	9800	ug/Kg
98-86-2	Acetophenone	23000		950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	24000		830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	22000		1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	21000		470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	27000		920	1300	4900	ug/Kg
78-59-1	Isophorone	25000		1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	26000		690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	21000		700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	25000		1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	25000		630	1300	4900	ug/Kg
91-20-3	Naphthalene	26000		690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	24000		550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	24000		1400	1300	4900	ug/Kg
105-60-2	Caprolactam	28000		2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28000		1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	25000		1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	26000		630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	10000		2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26000		1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29000		750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28000		690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	27000		690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	28000		1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	27000		720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	28000		1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	26000		770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	31000		830	2400	9800	ug/Kg
83-32-9	Acenaphthene	26000		800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	26000		2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	30000		1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	28000		710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	30000		950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	27000		800	1300	4900	ug/Kg
86-73-7	Fluorene	28000		700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27000		700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	35000		750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21000		2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26000		720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30000		630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26000		700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	27000		790	1300	4900	ug/Kg
1912-24-9	Atrazine	2800	J	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	19000		1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	27000		820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	26000		1600	1300	4900	ug/Kg
120-12-7	Anthracene	26000		670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26000		1700	1300	4900	ug/Kg
86-74-8	Carbazole	29000		600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	26000		1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	21000		1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22000		1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	21000		2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26000		1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	26000		540	1300	4900	ug/Kg
218-01-9	Chrysene	27000		760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	24000		2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	25000		2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	28000		1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	27000		750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	26000		1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27000		890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26000		750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25000		900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000		950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.187		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	21.853		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.688		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.037		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.245		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	21.416		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.491		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.096		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.995		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.292		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.661		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.204		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.808		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	28.684		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.483		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	27.156		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	21.787		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.185		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187961	7.599				
1146-65-2	Naphthalene-d8	774284	10.375				
15067-26-2	Acenaphthene-d10	429083	14.251				
1517-22-2	Phenanthrene-d10	938704	17.075				
1719-03-5	Chrysene-d12	1051902	21.51				
1520-96-3	Perylene-d12	1182718	24.769				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	240	2400	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	3000	12000	ug/Kg
110-86-1	Pyridine	2000	U	2000	5900	12000	ug/Kg
108-95-2	Phenol	1400	U	1400	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	940	U	940	1500	6000	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400	U	2400	3000	12000	ug/Kg
98-86-2	Acetophenone	1200	U	1200	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1500	6000	ug/Kg
67-72-1	Hexachloroethane	580	U	580	1500	6000	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	6000	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	6000	ug/Kg
88-75-5	2-Nitrophenol	840	U	840	1500	6000	ug/Kg
105-67-9	2,4-Dimethylphenol	850	U	850	1500	6000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600	U	1600	1500	6000	ug/Kg
120-83-2	2,4-Dichlorophenol	770	U	770	1500	6000	ug/Kg
91-20-3	Naphthalene	840	U	840	1500	6000	ug/Kg
106-47-8	4-Chloroaniline	670	U	670	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	1500	6000	ug/Kg
105-60-2	Caprolactam	3400	U	3400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1500	6000	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	1500	6000	ug/Kg
91-57-6	2-Methylnaphthalene	1300	J	770	1500	6000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	U	3200	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	6000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910	U	910	1500	6000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840	U	840	1500	6000	ug/Kg
91-58-7	2-Chloronaphthalene	840	U	840	1500	6000	ug/Kg
88-74-4	2-Nitroaniline	1900	U	1900	1500	6000	ug/Kg
131-11-3	Dimethylphthalate	880	U	880	1500	6000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1500	6000	ug/Kg
208-96-8	Acenaphthylene	950	U	950	1500	6000	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	3000	12000	ug/Kg
83-32-9	Acenaphthene	990	U	990	1500	6000	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	3000	12000	ug/Kg
132-64-9	Dibenzofuran	870	U	870	1500	6000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1500	6000	ug/Kg
84-66-2	Diethylphthalate	990	U	990	1500	6000	ug/Kg
86-73-7	Fluorene	850	U	850	1500	6000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	850	U	850	1500	6000	ug/Kg
100-01-6	4-Nitroaniline	930	U	930	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880	U	880	1500	6000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770	U	770	1500	6000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850	U	850	1500	6000	ug/Kg
118-74-1	Hexachlorobenzene	970	U	970	1500	6000	ug/Kg
1912-24-9	Atrazine	2400	U	2400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	210000	E	2200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	1500	6000	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6000	ug/Kg
120-12-7	Anthracene	820	U	820	1500	6000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000	U	2000	1500	6000	ug/Kg
86-74-8	Carbazole	730	U	730	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1500	6000	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	3000	6000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1500	6000	ug/Kg
85-68-7	Butylbenzylphthalate	2900	U	2900	1500	6000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	660	U	660	1500	6000	ug/Kg
218-01-9	Chrysene	940	U	940	1500	6000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100	U	3100	1500	6000	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	U	3200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1500	6000	ug/Kg
207-08-9	Benzo(k)fluoranthene	930	U	930	1500	6000	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1500	6000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1500	6000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930	U	930	1500	6000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	6000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000		1200	1500	6000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.611		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	13.909		20-120		35	SPK: -40
4165-62-2	Phenol-d5	19.086		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.59		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.534		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	22.135		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	19.184		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.395		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.971		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.761		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.57		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	29.816		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.345		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.19		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.142		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	33.817		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	33.879		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.65		10-140		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173368	7.599				
1146-65-2	Naphthalene-d8	683204	10.375				
15067-26-2	Acenaphthene-d10	390563	14.251				
1517-22-2	Phenanthrene-d10	952540	17.075				
1719-03-5	Chrysene-d12	938220	21.516				
1520-96-3	Perylene-d12	1071543	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.622	4000	J			5.622	
	(DEL) Alkane: Straight-Chain6.740	4000	J			6.74	
	(DEL) Alkane: Straight-Chain7.534	2600	J			7.534	
1000249-77-4	1,1-Hexylenedioxybutane	4400	J			7.793	
	(DEL) Alkane: Straight-Chain8.087	2800	J			8.087	
	(DEL) Alkane: Straight-Chain8.146	2800	J			8.146	
	(DEL) Alkane: Straight-Chain8.216	5000	J			8.216	
000149-57-5	Hexanoic acid, 2-ethyl-	2600	J			8.916	
	(DEL) Alkane: Straight-Chain10.310	5700	J			10.31	
019594-40-2	Heptyl isobutyl ketone	3800	J			10.463	
	unknown-01	5400	J			10.716	
054340-84-0	Benzene, 1,2,4-trimethyl-5-(1-meth	4500	J			11.463	
000126-30-7	Neopentyl glycol	4400	J			11.616	
	(DEL) Alkane: Straight-Chain11.769	4600	J			11.769	
	(DEL) Alkane: Cyclic11.816	3000	J			11.816	
	(DEL) Alkane: Straight-Chain13.028	4700	J			13.028	
	unknown-02	3800	J			13.863	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	12000	J			14.122	
004948-51-0	9-Methyl-S-octahydroanthracene	6100	J			14.381	
	unknown-03	2700	J			14.463	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	5900	J			15.01	
	(DEL) Alkane: Straight-Chain15.104	5500	J			15.104	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	3500	J			15.898	
	(DEL) Alkane: Straight-Chain15.987	6700	J			15.987	
	(DEL) Alkane: Straight-Chain17.569	3500	J			17.569	
000057-10-3	n-Hexadecanoic acid	2500	J			18.004	
	(DEL) Alkane: Straight-Chain18.281	2500	J			18.281	
	(DEL) Alkane: Cyclic21.157	5600	J			21.157	
E966796	Total Alkanes	63000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	1300	U	1300	2400	9600	ug/Kg
110-86-1	Pyridine	1600	U	1600	4800	9600	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	750	U	750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	840	U	840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9600	ug/Kg
98-86-2	Acetophenone	930	U	930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	820	U	820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1600	U	1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	460	U	460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	900	U	900	1200	4800	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	670	U	670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	680	U	680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	620	U	620	1200	4800	ug/Kg
91-20-3	Naphthalene	670	U	670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1200	4800	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	620	U	620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	730	U	730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	670	U	670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	670	U	670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	1500	U	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	700	U	700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	760	U	760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	820	U	820	2400	9600	ug/Kg
83-32-9	Acenaphthene	790	U	790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	690	U	690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	930	U	930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	790	U	790	1200	4800	ug/Kg
86-73-7	Fluorene	680	U	680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	680	U	680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	740	U	740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	700	U	700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680	U	680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	780	U	780	1200	4800	ug/Kg
1912-24-9	Atrazine	1900	U	1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	1700	U	1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	810	U	810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	1500	U	1500	1200	4800	ug/Kg
120-12-7	Anthracene	650	U	650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600	U	1600	1200	4800	ug/Kg
86-74-8	Carbazole	590	U	590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	2300	U	2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500	U	1500	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	530	U	530	1200	4800	ug/Kg
218-01-9	Chrysene	750	U	750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	740	U	740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880	U	880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740	U	740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	U	880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	930	U	930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.011		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	19.265		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.353		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.192		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.274		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.507		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	24.825		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.435		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.209		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.735		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.68		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.194		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.586		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	40.454		20-140		101	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.07		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.192		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	29.41		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.487		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131776	7.604				
1146-65-2	Naphthalene-d8	535845	10.387				
15067-26-2	Acenaphthene-d10	305798	14.251				
1517-22-2	Phenanthrene-d10	779702	17.074				
1719-03-5	Chrysene-d12	805924	21.533				
1520-96-3	Perylene-d12	905818	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	3000	J			11.21	
	unknown-01	2700	J			14.48	
000057-10-3	n-Hexadecanoic acid	3800	J			18.004	
	(DEL) Alkane: Straight-Chain	4400	J			21.163	
E966796	Total Alkanes	4400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.302		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	13.239		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.495		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.399		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.22		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.33		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	17.123		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.903		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.15		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.632		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.177		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.226		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.799		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.985		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.129		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	25.27		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	23.732		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.243		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172130	7.61				
1146-65-2	Naphthalene-d8	690418	10.375				
15067-26-2	Acenaphthene-d10	382568	14.257				
1517-22-2	Phenanthrene-d10	971995	17.075				
1719-03-5	Chrysene-d12	950465	21.516				
1520-96-3	Perylene-d12	1127201	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2100	J			11.222	
000057-10-3	n-Hexadecanoic acid	2700	J			17.992	
	(DEL) Alkane: Straight-Chain	21.157	J			21.157	
E966796	Total Alkanes	2800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12000		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	35000		1400	2400	9700	ug/Kg
110-86-1	Pyridine	25000		1700	4800	9700	ug/Kg
108-95-2	Phenol	31000		1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29000		1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	30000		760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	30000		840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	30000		940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	30000		830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29000		1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	29000		470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	33000		910	1200	4900	ug/Kg
78-59-1	Isophorone	30000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	32000		680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	31000		690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	28000		1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	28000		620	1200	4900	ug/Kg
91-20-3	Naphthalene	31000		680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	27000		540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1400	1200	4900	ug/Kg
105-60-2	Caprolactam	33000		2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	31000		1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	13000		2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35000		740	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35000		680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	35000		680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	40000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	30000		710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	30000		1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	29000		770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	33000		830	2400	9700	ug/Kg
83-32-9	Acenaphthene	30000		800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	28000		2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	22000		1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	31000		700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	33000		940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	30000		800	1200	4900	ug/Kg
86-73-7	Fluorene	31000		690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31000		690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	39000		750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25000		2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26000		710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35000		620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27000		690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	28000		790	1200	4900	ug/Kg
1912-24-9	Atrazine	25000		1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	27000		1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	32000		820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	26000		1600	1200	4900	ug/Kg
120-12-7	Anthracene	31000		660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29000		1700	1200	4900	ug/Kg
86-74-8	Carbazole	34000		590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	31000		1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	27000		1400	2400	4900	ug/Kg



Client:				Date Collected:	7/30/2024 12:00:00 AM	
Project:				Date Received:	7/30/2024 12:00:00 AM	
Client Sample ID:	E05Y9MS			SDG No.:	BP080824	
Lab Sample ID:	P3433-08MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	0	
Sample Wt/Vol:	1.03	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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28000		1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	27000		2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26000		1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	30000		530	1200	4900	ug/Kg
218-01-9	Chrysene	31000		760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27000		2500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	29000		2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	32000		1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	30000		750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	29000		1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30000		880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29000		890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32000		940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.026		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.924		20-120		45	SPK: -40
4165-62-2	Phenol-d5	23.49		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.606		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.67		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.436		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.353		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.405		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.217		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.687		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.613		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.914		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.34		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	28.687		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.273		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.765		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.99		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.854		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181629	7.599				
1146-65-2	Naphthalene-d8	703487	10.369				
15067-26-2	Acenaphthene-d10	410158	14.245				
1517-22-2	Phenanthrene-d10	980983	17.069				
1719-03-5	Chrysene-d12	962260	21.51				
1520-96-3	Perylene-d12	1081288	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13000		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	37000		1300	2400	9600	ug/Kg
110-86-1	Pyridine	26000		1600	4800	9600	ug/Kg
108-95-2	Phenol	33000		1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31000		1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	32000		750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	32000		840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33000		1900	2400	9600	ug/Kg
98-86-2	Acetophenone	32000		930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	33000		820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31000		1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	30000		460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	34000		900	1200	4800	ug/Kg
78-59-1	Isophorone	28000		1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	29000		670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	29000		680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	28000		1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	32000		620	1200	4800	ug/Kg
91-20-3	Naphthalene	31000		670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	29000		540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1300	1200	4800	ug/Kg
105-60-2	Caprolactam	35000		2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	31000		1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	32000		620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	12000		2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32000		1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33000		730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33000		670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	32000		670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	38000		1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	33000		700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	33000		1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	32000		760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	38000		820	2400	9600	ug/Kg
83-32-9	Acenaphthene	33000		790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	32000		2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	31000		1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	34000		690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	37000		930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	28000		790	1200	4800	ug/Kg
86-73-7	Fluorene	31000		680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30000		680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	41000		740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28000		2100	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31000		700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32000		620	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30000		680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	31000		780	1200	4800	ug/Kg
1912-24-9	Atrazine	29000		1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	29000		1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	33000		810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	29000		1500	1200	4800	ug/Kg
120-12-7	Anthracene	32000		650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29000		1600	1200	4800	ug/Kg
86-74-8	Carbazole	36000		590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	32000		1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	29000		1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31000		1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	31000		2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27000		1500	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	31000		530	1200	4800	ug/Kg
218-01-9	Chrysene	34000		750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26000		2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	30000		2600	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	34000		1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	33000		740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	32000		1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33000		880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32000		740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31000		880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31000		930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.287		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	19.431		20-120		49	SPK: -40
4165-62-2	Phenol-d5	25.57		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.86		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.087		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.855		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	25.93		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.72		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.501		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.239		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.116		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.358		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.378		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	27.864		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.387		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	30.842		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	28.599		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.993		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161272	7.605				
1146-65-2	Naphthalene-d8	666607	10.375				
15067-26-2	Acenaphthene-d10	436725	14.245				
1517-22-2	Phenanthrene-d10	954766	17.069				
1719-03-5	Chrysene-d12	894310	21.504				
1520-96-3	Perylene-d12	1075298	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	670	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCVW9ME								
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Cyclic11.816	*	3,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Cyclic21.157	*	5,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain10.3	*	5,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain11.7	*	4,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain13.0	*	4,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain15.1	*	5,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain15.5	*	6,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain17.5	*	3,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain18.2	*	2,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain5.62	*	4,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain6.74	*	4,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain7.52	*	2,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.08	*	2,800.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.14	*	2,800.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.21	*	5,000.000	J		
P3171-05ME	DCVW9ME	Solid	1,1-Hexylenedioxymethane	*	4,400.000	J		
P3171-05ME	DCVW9ME	Solid	2-Methylidene-hydrazono-3-meth	*	3,500.000	J		
P3171-05ME	DCVW9ME	Solid	9-Methyl-S-octahydroanthracene	*	6,100.000	J		
P3171-05ME	DCVW9ME	Solid	Benzene, 1,2,4-trimethyl-5-(1-met	*	4,500.000	J		
P3171-05ME	DCVW9ME	Solid	Heptyl isobutyl ketone	*	3,800.000	J		
P3171-05ME	DCVW9ME	Solid	Hexanoic acid, 2-ethyl-	*	2,600.000	J		
P3171-05ME	DCVW9ME	Solid	Methyl 2-diethylamino-3-methyl-l	*	5,900.000	J		
P3171-05ME	DCVW9ME	Solid	n-Hexadecanoic acid	*	2,500.000	J		
P3171-05ME	DCVW9ME	Solid	Neopentyl glycol	*	4,400.000	J		
P3171-05ME	DCVW9ME	Solid	Sulfurous acid, 2-ethylhexyl nony	*	12,000.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-01	*	5,400.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-02	*	3,800.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-03	*	2,700.000	J		
P3171-05ME	DCVW9ME	Solid	Total Alkanes	*	63,000.000		840	6000 ug/Kg
Total Tics :					187,600.00			
P3171-05ME	DCVW9ME	Solid	2,3,4,6-Tetrachlorophenol		13,000.000		1200	6000 ug/Kg
P3171-05ME	DCVW9ME	Solid	2-Methylnaphthalene		1,300.000	J	770	6000 ug/Kg
P3171-05ME	DCVW9ME	Solid	Pentachlorophenol		210,000.000	E	2200	12000 ug/Kg
Total Svoc :					224,300.00			
Total Concentration:					411,900.00			

Client ID : E05Y8

P3433-06 E05Y8 Solid (DEL) Alkane: Straight-Chain21.1* 4,400.000 J

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3433-06	E05Y8	Solid	1-Phenoxypropan-2-ol	*	3,000.000	J		
P3433-06	E05Y8	Solid	n-Hexadecanoic acid	*	3,800.000	J		
P3433-06	E05Y8	Solid	unknown-01	*	2,700.000	J		
P3433-06	E05Y8	Solid	Total Alkanes	*	4,400.000	670	4800	ug/Kg
Total Tics :					18,300.00			
Total Concentration:					18,300.00			
Client ID : E05Y9								
P3433-07	E05Y9	Solid	(DEL) Alkane: Straight-Chain21.1	*	2,800.000	J		
P3433-07	E05Y9	Solid	1-Phenoxypropan-2-ol	*	2,100.000	J		
P3433-07	E05Y9	Solid	n-Hexadecanoic acid	*	2,700.000	J		
P3433-07	E05Y9	Solid	Total Alkanes	*	2,800.000	690	5000	ug/Kg
Total Tics :					10,400.00			
Total Concentration:					10,400.00			
Client ID : E05Y6								
P3435-14	E05Y6	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	250,000.000	JD		
P3435-14	E05Y6	Solid	1-Isopropenyl-naphthalene	*	190,000.000	JD		
P3435-14	E05Y6	Solid	11H-Benzo[b]fluorene	*	130,000.000	JD		
P3435-14	E05Y6	Solid	4-(4-Methylphenyl)benzaldehyde	*	140,000.000	JD		
P3435-14	E05Y6	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200,000.000	JD		
P3435-14	E05Y6	Solid	9H-Fluorene-9-ol	*	440,000.000	JD		
P3435-14	E05Y6	Solid	9H-Fluorene, 1-methyl-	*	300,000.000	JD		
P3435-14	E05Y6	Solid	Acridine	*	260,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 1-methyl-	*	260,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 2-methyl-	*	280,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 9,10-dihydro-	*	110,000.000	JD		
P3435-14	E05Y6	Solid	Benz(a)anthracene-7-carbonitrile	*	110,000.000	JD		
P3435-14	E05Y6	Solid	Benzo[c]thiophene	*	130,000.000	JD		
P3435-14	E05Y6	Solid	Benzo[e]pyrene	*	350,000.000	JD		
P3435-14	E05Y6	Solid	Dibenzothiophene	*	650,000.000	JD		
P3435-14	E05Y6	Solid	Diphenylmethane	*	240,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,2-dimethyl-	*	270,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,6-dimethyl-	*	150,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,7-dimethyl-	*	170,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1-ethyl-	*	160,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1-phenyl-	*	90,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 2,6-dimethyl-	*	140,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 2-phenyl-	*	430,000.000	JD		
P3435-14	E05Y6	Solid	Nordiphenamid	*	140,000.000	JD		
P3435-14	E05Y6	Solid	Perylene	*	410,000.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3435-14	E05Y6	Solid	Phenanthrene, 1-methyl-	* 660,000.000	JD			
P3435-14	E05Y6	Solid	Phenanthrene, 2,5-dimethyl-	* 160,000.000	JD			
P3435-14	E05Y6	Solid	Phenanthrene, 2-methyl-	* 510,000.000	JD			
P3435-14	E05Y6	Solid	Pyrene, 1-methyl-	* 150,000.000	JD			
P3435-14	E05Y6	Solid	unknown-01	* 270,000.000	JD			
P3435-14	E05Y6	Solid	Total Alkanes	* 0.000	D	16000	120000	ug/Kg
Total Tics :				8,750,000.00				
P3435-14	E05Y6	Solid	1,1-Biphenyl	520,000.000	D	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	1-Methylnaphthalene	920,000.000	D	28000	120000	ug/Kg
P3435-14	E05Y6	Solid	2-Methylnaphthalene	2,000,000.000	ED	15000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acenaphthene	2,700,000.000	ED	19000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acenaphthylene	30,000.000	JD	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acetophenone	41,000.000	JD	22000	230000	ug/Kg
P3435-14	E05Y6	Solid	Anthracene	3,200,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(a)anthracene	1,700,000.000	D	13000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(a)pyrene	890,000.000	D	25000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(b)fluoranthene	1,500,000.000	D	25000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(g,h,i)perylene	100,000.000	JD	21000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(k)fluoranthene	640,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Carbazole	1,400,000.000	D	14000	230000	ug/Kg
P3435-14	E05Y6	Solid	Chrysene	1,500,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Dibenzo(a,h)anthracene	180,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Dibenzofuran	2,200,000.000	ED	17000	120000	ug/Kg
P3435-14	E05Y6	Solid	Fluoranthene	4,900,000.000	ED	32000	120000	ug/Kg
P3435-14	E05Y6	Solid	Fluorene	2,600,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Indeno(1,2,3-cd)pyrene	520,000.000	D	21000	120000	ug/Kg
P3435-14	E05Y6	Solid	Naphthalene	3,600,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Phenanthrene	7,400,000.000	ED	19000	120000	ug/Kg
P3435-14	E05Y6	Solid	Pyrene	3,500,000.000	ED	25000	120000	ug/Kg
Total Svoc :				42,041,000.00				
Total Concentration:				50,791,000.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 : _____

LAB FILE ID:	RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
	RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	2.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 : _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis(1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo(a)anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis(2-ethylhexyl)phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo(b)fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo(k)fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo(a)pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno(1,2,3-cd)pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo(a,h)anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo(g,h,i)perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 17:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
01 SBLK536	172576	7.61	582590	10.38	465613	14.25
02 SBLK539	174527	7.60	707112	10.38	384377	14.25
03 E05Y6	168551	7.62	707152	10.36	445614	14.25
04 SLCS536	170089	7.61	707632	10.37	469380	14.25
05 SLCS539	187961	7.60	774284	10.38	429083	14.25
06 DCVW9ME	173368	7.60	683204	10.38	390563	14.25
07 E05Y8	131776	7.60	535845	10.39	305798	14.25
08 E05Y9	172130	7.61	690418	10.38	382568	14.26
09 E05Y9MS	181629	7.60	703487	10.37	410158	14.25
10 E05Y9MSD	161272	7.61	666607	10.38	436725	14.25

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020736 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP021452.D Time Analyzed: 17:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	180389	7.599	754017	10.37	493179	14.25
UPPER LIMIT	360778	8.099	1508034	10.869	986358	14.745
LOWER LIMIT	90194.5	7.099	377008.5	9.869	246589.5	13.745
EPA SAMPLE NO.						
01 SBLK536	172576	7.61	582590	10.38	465613	14.25
02 SBLK539	174527	7.60	707112	10.38	384377	14.25
03 E05Y6	168551	7.62	707152	10.36	445614	14.25
04 SLCS536	170089	7.61	707632	10.37	469380	14.25
05 SLCS539	187961	7.60	774284	10.38	429083	14.25
06 DCVW9ME	173368	7.60	683204	10.38	390563	14.25
07 E05Y8	131776	7.60	535845	10.39	305798	14.25
08 E05Y9	172130	7.61	690418	10.38	382568	14.26
09 E05Y9MS	181629	7.60	703487	10.37	410158	14.25
10 E05Y9MSD	161272	7.61	666607	10.38	436725	14.25

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 17:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18434e+0	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
01 SBLK536	1.025e+	17.08	1.04543e+	21.52	1.17322e+	24.80
02 SBLK539	859642	17.07	992024	21.52	1.11312e+	24.80
03 E05Y6	932657	17.07	830784	21.50	1.08172e+	24.79
04 SLCS536	1.02268	17.08	993903	21.51	1.13375e+	24.79
05 SLCS539	938704	17.08	1.0519e+0	21.51	1.18272e+	24.77
06 DCVW9ME	952540	17.08	938220	21.52	1.07154e+	24.79
07 E05Y8	779702	17.07	805924	21.53	905818	24.79
08 E05Y9	971995	17.08	950465	21.52	1.1272e+0	24.80
09 E05Y9MS	980983	17.07	962260	21.51	1.08129e+	24.80
10 E05Y9MSD	954766	17.07	894310	21.50	1.0753e+0	24.78

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020736 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP021452.D Time Analyzed: 17:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.0572e+00	17.069	1.02862e+	21.51	1.07306e+00	24.78
UPPER LIMIT	2114400	17.569	2057240	22.01	2146120	25.28
LOWER LIMIT	528600	16.569	514310	21.01	536530	24.28
EPA SAMPLE NO.						
01 SBLK536	1.025e+	17.08	1.04543e+	21.52	1.17322e+	24.80
02 SBLK539	859642	17.07	992024	21.52	1.11312e+	24.80
03 E05Y6	932657	17.07	830784	21.50	1.08172e+	24.79
04 SLCS536	1.02268	17.08	993903	21.51	1.13375e+	24.79
05 SLCS539	938704	17.08	1.0519e+0	21.51	1.18272e+	24.77
06 DCVW9ME	952540	17.08	938220	21.52	1.07154e+	24.79
07 E05Y8	779702	17.07	805924	21.53	905818	24.79
08 E05Y9	971995	17.08	950465	21.52	1.1272e+0	24.80
09 E05Y9MS	980983	17.07	962260	21.51	1.08129e+	24.80
10 E05Y9MSD	954766	17.07	894310	21.50	1.0753e+0	24.78

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP080824**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162536BS	1,4-Dioxane	15800	9800	ug/Kg	62				0	0		
	Benzaldehyde	39600	28000	ug/Kg	71				0	0		
	Pyridine	39600	21000	ug/Kg	53				0	0		
	Phenol	39600	28000	ug/Kg	71				0	0		
	Bis(2-chloroethyl)ether	39600	26000	ug/Kg	66				0	0		
	2-Chlorophenol	39600	28000	ug/Kg	71				0	0		
	2-Methylphenol	39600	27000	ug/Kg	68				0	0		
	2,2-oxybis(1-Chloropropane)	39600	27000	ug/Kg	68				0	0		
	Acetophenone	39600	28000	ug/Kg	71				0	0		
	4-Methylphenol	39600	28000	ug/Kg	71				0	0		
	N-Nitroso-di-n-propylamine	39600	27000	ug/Kg	68				0	0		
	Hexachloroethane	39600	26000	ug/Kg	66				0	0		
	Nitrobenzene	39600	28000	ug/Kg	71				0	0		
	Isophorone	39600	27000	ug/Kg	68				0	0		
	2-Nitrophenol	39600	28000	ug/Kg	71				0	0		
	2,4-Dimethylphenol	39600	23000	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	39600	27000	ug/Kg	68				0	0		
	2,4-Dichlorophenol	39600	27000	ug/Kg	68				0	0		
	Naphthalene	39600	27000	ug/Kg	68				0	0		
	4-Chloroaniline	39600	25000	ug/Kg	63				0	0		
	Hexachlorobutadiene	39600	26000	ug/Kg	66				0	0		
	Caprolactam	39600	31000	ug/Kg	78				0	0		
	4-Chloro-3-methylphenol	39600	29000	ug/Kg	73				0	0		
	1-Methylnaphthalene	39600	27000	ug/Kg	68				0	0		
	2-Methylnaphthalene	39600	28000	ug/Kg	71				0	0		
	Hexachlorocyclopentadiene	39600	8600	ug/Kg	22				0	0		
	2,4,6-Trichlorophenol	39600	24000	ug/Kg	61				0	0		
	2,4,5-Trichlorophenol	39600	26000	ug/Kg	66				0	0		
	1,1'-Biphenyl	39600	28000	ug/Kg	71				0	0		
	2-Chloronaphthalene	39600	27000	ug/Kg	68				0	0		
	2-Nitroaniline	39600	32000	ug/Kg	81				0	0		
	Dimethylphthalate	39600	28000	ug/Kg	71				0	0		
	2,6-Dinitrotoluene	39600	29000	ug/Kg	73				0	0		
	Acenaphthylene	39600	27000	ug/Kg	68				0	0		
	3-Nitroaniline	39600	33000	ug/Kg	83				0	0		
	Acenaphthene	39600	27000	ug/Kg	68				0	0		
	2,4-Dinitrophenol	39600	28000	ug/Kg	71				0	0		
	4-Nitrophenol	39600	27000	ug/Kg	68				0	0		
	Dibenzofuran	39600	29000	ug/Kg	73				0	0		
	2,4-Dinitrotoluene	39600	32000	ug/Kg	81				0	0		
	Diethylphthalate	39600	29000	ug/Kg	73				0	0		
	Fluorene	39600	29000	ug/Kg	73				0	0		
	4-Chlorophenyl-phenylether	39600	28000	ug/Kg	71				0	0		
	4-Nitroaniline	39600	40000	ug/Kg	101				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162536BS	4,6-Dinitro-2-methylphenol	39600	27000	ug/Kg	68				0	0		
	N-Nitrosodiphenylamine	39600	27000	ug/Kg	68				0	0		
	1,2,4,5-Tetrachlorobenzene	39600	27000	ug/Kg	68				0	0		
	4-Bromophenyl-phenylether	39600	26000	ug/Kg	66				0	0		
	Hexachlorobenzene	39600	27000	ug/Kg	68				0	0		
	Atrazine	39600	3000	ug/Kg	8				0	0		
	Pentachlorophenol	39600	19000	ug/Kg	48				0	0		
	Phenanthrene	39600	29000	ug/Kg	73				0	0		
	Pentachlorobenzene	39600	25000	ug/Kg	63				0	0		
	Anthracene	39600	28000	ug/Kg	71				0	0		
	1,2,3,4-Tetrachlorobenzene	39600	25000	ug/Kg	63				0	0		
	Carbazole	39600	31000	ug/Kg	78				0	0		
	Di-n-butylphthalate	39600	28000	ug/Kg	71				0	0		
	Fluoranthene	39600	25000	ug/Kg	63				0	0		
	Pyrene	39600	26000	ug/Kg	66				0	0		
	Butylbenzylphthalate	39600	26000	ug/Kg	66				0	0		
	3,3'-Dichlorobenzidine	39600	28000	ug/Kg	71				0	0		
	Benzo(a)anthracene	39600	28000	ug/Kg	71				0	0		
	Chrysene	39600	29000	ug/Kg	73				0	0		
	Bis(2-ethylhexyl)phthalate	39600	25000	ug/Kg	63				0	0		
	Di-n-octylphthalate	39600	27000	ug/Kg	68				0	0		
	Benzo(b)fluoranthene	39600	29000	ug/Kg	73				0	0		
	Benzo(k)fluoranthene	39600	29000	ug/Kg	73				0	0		
	Benzo(a)pyrene	39600	28000	ug/Kg	71				0	0		
	Indeno(1,2,3-cd)pyrene	39600	29000	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	39600	29000	ug/Kg	73				0	0		
	Benzo(g,h,i)perylene	39600	27000	ug/Kg	68				0	0		
	2,3,4,6-Tetrachlorophenol	39600	23000	ug/Kg	58				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162539BS	1,4-Dioxane	15700	9500	ug/Kg	61				0	0		
	Benzaldehyde	39200	26000	ug/Kg	66				0	0		
	Pyridine	39200	20000	ug/Kg	51				0	0		
	Phenol	39200	26000	ug/Kg	66				0	0		
	Bis(2-chloroethyl)ether	39200	25000	ug/Kg	64				0	0		
	2-Chlorophenol	39200	26000	ug/Kg	66				0	0		
	2-Methylphenol	39200	26000	ug/Kg	66				0	0		
	2,2-oxybis(1-Chloropropane)	39200	26000	ug/Kg	66				0	0		
	Acetophenone	39200	23000	ug/Kg	59				0	0		
	4-Methylphenol	39200	24000	ug/Kg	61				0	0		
	N-Nitroso-di-n-propylamine	39200	22000	ug/Kg	56				0	0		
	Hexachloroethane	39200	21000	ug/Kg	54				0	0		
	Nitrobenzene	39200	27000	ug/Kg	69				0	0		
	Isophorone	39200	25000	ug/Kg	64				0	0		
	2-Nitrophenol	39200	26000	ug/Kg	66				0	0		
	2,4-Dimethylphenol	39200	21000	ug/Kg	54				0	0		
	Bis(2-chloroethoxy)methane	39200	25000	ug/Kg	64				0	0		
	2,4-Dichlorophenol	39200	25000	ug/Kg	64				0	0		
	Naphthalene	39200	26000	ug/Kg	66				0	0		
	4-Chloroaniline	39200	24000	ug/Kg	61				0	0		
	Hexachlorobutadiene	39200	24000	ug/Kg	61				0	0		
	Caprolactam	39200	28000	ug/Kg	71				0	0		
	4-Chloro-3-methylphenol	39200	28000	ug/Kg	71				0	0		
	1-Methylnaphthalene	39200	25000	ug/Kg	64				0	0		
	2-Methylnaphthalene	39200	26000	ug/Kg	66				0	0		
	Hexachlorocyclopentadiene	39200	10000	ug/Kg	26				0	0		
	2,4,6-Trichlorophenol	39200	26000	ug/Kg	66				0	0		
	2,4,5-Trichlorophenol	39200	29000	ug/Kg	74				0	0		
	1,1'-Biphenyl	39200	28000	ug/Kg	71				0	0		
	2-Chloronaphthalene	39200	27000	ug/Kg	69				0	0		
	2-Nitroaniline	39200	28000	ug/Kg	71				0	0		
	Dimethylphthalate	39200	27000	ug/Kg	69				0	0		
	2,6-Dinitrotoluene	39200	28000	ug/Kg	71				0	0		
	Acenaphthylene	39200	26000	ug/Kg	66				0	0		
	3-Nitroaniline	39200	31000	ug/Kg	79				0	0		
	Acenaphthene	39200	26000	ug/Kg	66				0	0		
	2,4-Dinitrophenol	39200	26000	ug/Kg	66				0	0		
	4-Nitrophenol	39200	30000	ug/Kg	77				0	0		
	Dibenzofuran	39200	28000	ug/Kg	71				0	0		
	2,4-Dinitrotoluene	39200	30000	ug/Kg	77				0	0		
	Diethylphthalate	39200	27000	ug/Kg	69				0	0		
	Fluorene	39200	28000	ug/Kg	71				0	0		
	4-Chlorophenyl-phenylether	39200	27000	ug/Kg	69				0	0		
	4-Nitroaniline	39200	35000	ug/Kg	89				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162539BS	4,6-Dinitro-2-methylphenol	39200	21000	ug/Kg	54				0	0		
	N-Nitrosodiphenylamine	39200	26000	ug/Kg	66				0	0		
	1,2,4,5-Tetrachlorobenzene	39200	30000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	39200	26000	ug/Kg	66				0	0		
	Hexachlorobenzene	39200	27000	ug/Kg	69				0	0		
	Atrazine	39200	2800	ug/Kg	7				0	0		
	Pentachlorophenol	39200	19000	ug/Kg	48				0	0		
	Phenanthrene	39200	27000	ug/Kg	69				0	0		
	Pentachlorobenzene	39200	26000	ug/Kg	66				0	0		
	Anthracene	39200	26000	ug/Kg	66				0	0		
	1,2,3,4-Tetrachlorobenzene	39200	26000	ug/Kg	66				0	0		
	Carbazole	39200	29000	ug/Kg	74				0	0		
	Di-n-butylphthalate	39200	26000	ug/Kg	66				0	0		
	Fluoranthene	39200	21000	ug/Kg	54				0	0		
	Pyrene	39200	22000	ug/Kg	56				0	0		
	Butylbenzylphthalate	39200	21000	ug/Kg	54				0	0		
	3,3'-Dichlorobenzidine	39200	26000	ug/Kg	66				0	0		
	Benzo(a)anthracene	39200	26000	ug/Kg	66				0	0		
	Chrysene	39200	27000	ug/Kg	69				0	0		
	Bis(2-ethylhexyl)phthalate	39200	24000	ug/Kg	61				0	0		
	Di-n-octylphthalate	39200	25000	ug/Kg	64				0	0		
	Benzo(b)fluoranthene	39200	28000	ug/Kg	71				0	0		
	Benzo(k)fluoranthene	39200	27000	ug/Kg	69				0	0		
	Benzo(a)pyrene	39200	26000	ug/Kg	66				0	0		
	Indeno(1,2,3-cd)pyrene	39200	27000	ug/Kg	69				0	0		
	Dibenzo(a,h)anthracene	39200	26000	ug/Kg	66				0	0		
	Benzo(g,h,i)perylene	39200	25000	ug/Kg	64				0	0		
	2,3,4,6-Tetrachlorophenol	39200	23000	ug/Kg	59				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK536

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021453.D

Lab Sample ID: PB162536BL

Instrument ID: BNA_P

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) MED

Time Analyzed: 17:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162536BS	PB162536BS	BP021456.D	08/08/2024
E05Y8	P3433-06	BP021459.D	08/08/2024
E05Y9	P3433-07	BP021460.D	08/08/2024
E05Y9MS	P3433-08MS	BP021461.D	08/09/2024
E05Y9MSD	P3433-09MSD	BP021462.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK539

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021454.D

Lab Sample ID: PB162539BL

Instrument ID: BNA_P

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) MED

Time Analyzed: 18:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05Y6	P3435-14	BP021455.D	08/08/2024
PB162539BS	PB162539BS	BP021457.D	08/08/2024
DCVW9ME	P3171-05ME	BP021458.D	08/08/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3433-08MS	Client Sample ID:	E05Y9MS				DataFile:	BP021461.D			
1,4-Dioxane	15500		12000	ug/Kg	77				15	120	
Benzaldehyde	38800		35000	ug/Kg	90				0	0	
Pyridine	38800		25000	ug/Kg	64				0	0	
Phenol	38800		31000	ug/Kg	80				26	90	
Bis(2-chloroethyl)ether	38800		29000	ug/Kg	75				0	0	
2-Chlorophenol	38800		30000	ug/Kg	77				25	102	
2-Methylphenol	38800		30000	ug/Kg	77				0	0	
2,2-oxybis(1-Chloropropane)	38800		31000	ug/Kg	80				0	0	
Acetophenone	38800		30000	ug/Kg	77				0	0	
4-Methylphenol	38800		30000	ug/Kg	77				0	0	
N-Nitroso-di-n-propylamine	38800		29000	ug/Kg	75				41	126	
Hexachloroethane	38800		29000	ug/Kg	75				0	0	
Nitrobenzene	38800		33000	ug/Kg	85				0	0	
Isophorone	38800		30000	ug/Kg	77				0	0	
2-Nitrophenol	38800		32000	ug/Kg	82				0	0	
2,4-Dimethylphenol	38800		31000	ug/Kg	80				0	0	
Bis(2-chloroethoxy)methane	38800		28000	ug/Kg	72				0	0	
2,4-Dichlorophenol	38800		28000	ug/Kg	72				0	0	
Naphthalene	38800		31000	ug/Kg	80				0	0	
4-Chloroaniline	38800		27000	ug/Kg	70				0	0	
Hexachlorobutadiene	38800		30000	ug/Kg	77				0	0	
Caprolactam	38800		33000	ug/Kg	85				0	0	
4-Chloro-3-methylphenol	38800		34000	ug/Kg	88				26	103	
1-Methylnaphthalene	38800		31000	ug/Kg	80				0	0	
2-Methylnaphthalene	38800		31000	ug/Kg	80				0	0	
Hexachlorocyclopentadiene	38800		13000	ug/Kg	34				0	0	
2,4,6-Trichlorophenol	38800		34000	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	38800		35000	ug/Kg	90				0	0	
1,1'-Biphenyl	38800		35000	ug/Kg	90				0	0	
2-Chloronaphthalene	38800		35000	ug/Kg	90				0	0	
2-Nitroaniline	38800		40000	ug/Kg	103				0	0	
Dimethylphthalate	38800		30000	ug/Kg	77				0	0	
2,6-Dinitrotoluene	38800		30000	ug/Kg	77				0	0	
Acenaphthylene	38800		29000	ug/Kg	75				0	0	
3-Nitroaniline	38800		33000	ug/Kg	85				0	0	
Acenaphthene	38800		30000	ug/Kg	77				31	137	
2,4-Dinitrophenol	38800		28000	ug/Kg	72				0	0	
4-Nitrophenol	38800		22000	ug/Kg	57				11	114	
Dibenzofuran	38800		31000	ug/Kg	80				0	0	
2,4-Dinitrotoluene	38800		33000	ug/Kg	85				28	89	
Diethylphthalate	38800		30000	ug/Kg	77				0	0	
Fluorene	38800		31000	ug/Kg	80				0	0	
4-Chlorophenyl-phenylether	38800		31000	ug/Kg	80				0	0	
4-Nitroaniline	38800		39000	ug/Kg	101				0	0	
4,6-Dinitro-2-methylphenol	38800		25000	ug/Kg	64				0	0	
N-Nitrosodiphenylamine	38800		26000	ug/Kg	67				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	38800		35000	ug/Kg	90				0	0	
4-Bromophenyl-phenylether	38800		27000	ug/Kg	70				0	0	
Hexachlorobenzene	38800		28000	ug/Kg	72				0	0	
Atrazine	38800		25000	ug/Kg	64				0	0	
Pentachlorophenol	38800		27000	ug/Kg	70				17	109	
Phenanthrene	38800		32000	ug/Kg	82				0	0	
Pentachlorobenzene	38800		26000	ug/Kg	67				0	0	
Anthracene	38800		31000	ug/Kg	80				0	0	
1,2,3,4-Tetrachlorobenzene	38800		29000	ug/Kg	75				0	0	
Carbazole	38800		34000	ug/Kg	88				0	0	
Di-n-butylphthalate	38800		31000	ug/Kg	80				0	0	
Fluoranthene	38800		27000	ug/Kg	70				0	0	
Pyrene	38800		28000	ug/Kg	72				35	142	
Butylbenzylphthalate	38800		27000	ug/Kg	70				0	0	
3,3'-Dichlorobenzidine	38800		26000	ug/Kg	67				0	0	
Benzo(a)anthracene	38800		30000	ug/Kg	77				0	0	
Chrysene	38800		31000	ug/Kg	80				0	0	
Bis(2-ethylhexyl)phthalate	38800		27000	ug/Kg	70				0	0	
Di-n-octylphthalate	38800		29000	ug/Kg	75				0	0	
Benzo(b)fluoranthene	38800		32000	ug/Kg	82				0	0	
Benzo(k)fluoranthene	38800		30000	ug/Kg	77				0	0	
Benzo(a)pyrene	38800		29000	ug/Kg	75				0	0	
Indeno(1,2,3-cd)pyrene	38800		30000	ug/Kg	77				0	0	
Dibenzo(a,h)anthracene	38800		30000	ug/Kg	77				0	0	
Benzo(g,h,i)perylene	38800		29000	ug/Kg	75				0	0	
2,3,4,6-Tetrachlorophenol	38800		32000	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3433-09MSD	Client Sample ID:	E05Y9MSD					DataFile:	BP021462.D		
1,4-Dioxane	15400		13000	ug/Kg	84	9			15	120	50
Benzaldehyde	38500		37000	ug/Kg	96	6	*		0	0	0
Pyridine	38500		26000	ug/Kg	68	6	*		0	0	0
Phenol	38500		33000	ug/Kg	86	7			26	90	35
Bis(2-chloroethyl)ether	38500		31000	ug/Kg	81	8	*		0	0	0
2-Chlorophenol	38500		32000	ug/Kg	83	8			25	102	50
2-Methylphenol	38500		32000	ug/Kg	83	8	*		0	0	0
2,2-oxybis(1-Chloropropane)	38500		33000	ug/Kg	86	7	*		0	0	0
Acetophenone	38500		32000	ug/Kg	83	8	*		0	0	0
4-Methylphenol	38500		33000	ug/Kg	86	11	*		0	0	0
N-Nitroso-di-n-propylamine	38500		31000	ug/Kg	81	8			41	126	38
Hexachloroethane	38500		30000	ug/Kg	78	4	*		0	0	0
Nitrobenzene	38500		34000	ug/Kg	88	3	*		0	0	0
Isophorone	38500		28000	ug/Kg	73	5	*		0	0	0
2-Nitrophenol	38500		29000	ug/Kg	75	9	*		0	0	0
2,4-Dimethylphenol	38500		29000	ug/Kg	75	6	*		0	0	0
Bis(2-chloroethoxy)methane	38500		28000	ug/Kg	73	1	*		0	0	0
2,4-Dichlorophenol	38500		32000	ug/Kg	83	14	*		0	0	0
Naphthalene	38500		31000	ug/Kg	81	1	*		0	0	0
4-Chloroaniline	38500		29000	ug/Kg	75	7	*		0	0	0
Hexachlorobutadiene	38500		30000	ug/Kg	78	1	*		0	0	0
Caprolactam	38500		35000	ug/Kg	91	7	*		0	0	0
4-Chloro-3-methylphenol	38500		34000	ug/Kg	88	0			26	103	33
1-Methylnaphthalene	38500		31000	ug/Kg	81	1	*		0	0	0
2-Methylnaphthalene	38500		32000	ug/Kg	83	4	*		0	0	0
Hexachlorocyclopentadiene	38500		12000	ug/Kg	31	9	*		0	0	0
2,4,6-Trichlorophenol	38500		32000	ug/Kg	83	6	*		0	0	0
2,4,5-Trichlorophenol	38500		33000	ug/Kg	86	5	*		0	0	0
1,1'-Biphenyl	38500		33000	ug/Kg	86	5	*		0	0	0
2-Chloronaphthalene	38500		32000	ug/Kg	83	8	*		0	0	0
2-Nitroaniline	38500		38000	ug/Kg	99	4	*		0	0	0
Dimethylphthalate	38500		33000	ug/Kg	86	11	*		0	0	0
2,6-Dinitrotoluene	38500		33000	ug/Kg	86	11	*		0	0	0
Acenaphthylene	38500		32000	ug/Kg	83	10	*		0	0	0
3-Nitroaniline	38500		38000	ug/Kg	99	15	*		0	0	0
Acenaphthene	38500		33000	ug/Kg	86	11			31	137	19
2,4-Dinitrophenol	38500		32000	ug/Kg	83	14	*		0	0	0
4-Nitrophenol	38500		31000	ug/Kg	81	35			11	114	50
Dibenzofuran	38500		34000	ug/Kg	88	10	*		0	0	0
2,4-Dinitrotoluene	38500		37000	ug/Kg	96	*	12		28	89	47
Diethylphthalate	38500		28000	ug/Kg	73	5	*		0	0	0
Fluorene	38500		31000	ug/Kg	81	1	*		0	0	0
4-Chlorophenyl-phenylether	38500		30000	ug/Kg	78	3	*		0	0	0
4-Nitroaniline	38500		41000	ug/Kg	106	5	*		0	0	0
4,6-Dinitro-2-methylphenol	38500		28000	ug/Kg	73	13	*		0	0	0
N-Nitrosodiphenylamine	38500		31000	ug/Kg	81	19	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	38500		32000	ug/Kg	83	8	*		0	0	0
4-Bromophenyl-phenylether	38500		30000	ug/Kg	78	11	*		0	0	0
Hexachlorobenzene	38500		31000	ug/Kg	81	12	*		0	0	0
Atrazine	38500		29000	ug/Kg	75	16	*		0	0	0
Pentachlorophenol	38500		29000	ug/Kg	75	7			17	109	47
Phenanthrene	38500		33000	ug/Kg	86	5	*		0	0	0
Pentachlorobenzene	38500		29000	ug/Kg	75	11	*		0	0	0
Anthracene	38500		32000	ug/Kg	83	4	*		0	0	0
1,2,3,4-Tetrachlorobenzene	38500		29000	ug/Kg	75	0			0	0	0
Carbazole	38500		36000	ug/Kg	94	7	*		0	0	0
Di-n-butylphthalate	38500		32000	ug/Kg	83	4	*		0	0	0
Fluoranthene	38500		29000	ug/Kg	75	7	*		0	0	0
Pyrene	38500		31000	ug/Kg	81	12			35	142	36
Butylbenzylphthalate	38500		31000	ug/Kg	81	15	*		0	0	0
3,3'-Dichlorobenzidine	38500		27000	ug/Kg	70	4	*		0	0	0
Benzo(a)anthracene	38500		31000	ug/Kg	81	5	*		0	0	0
Chrysene	38500		34000	ug/Kg	88	10	*		0	0	0
Bis(2-ethylhexyl)phthalate	38500		26000	ug/Kg	68	3	*		0	0	0
Di-n-octylphthalate	38500		30000	ug/Kg	78	4	*		0	0	0
Benzo(b)fluoranthene	38500		34000	ug/Kg	88	7	*		0	0	0
Benzo(k)fluoranthene	38500		33000	ug/Kg	86	11	*		0	0	0
Benzo(a)pyrene	38500		32000	ug/Kg	83	10	*		0	0	0
Indeno(1,2,3-cd)pyrene	38500		33000	ug/Kg	86	11	*		0	0	0
Dibenzo(a,h)anthracene	38500		32000	ug/Kg	83	8	*		0	0	0
Benzo(g,h,i)perylene	38500		31000	ug/Kg	81	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	38500		31000	ug/Kg	81	1	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3433-06	E05Y8	BP021459.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	19.27	48		20	120
			Phenol-d5	40	24.35	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.19	70		10	150
			2-Chlorophenol-d4	40	27.27	68		15	120
			4-Methylphenol-d8	40	27.51	69		10	140
			Nitrobenzene-d5	40	24.83	62		10	135
			2-Nitrophenol-d4	40	27.44	69		10	120
			2,4-Dichlorophenol-d3	40	24.21	61		10	140
			4-Chloroaniline-d4	40	27.74	69		1	145
			Dimethylphthalate-d6	40	36.68	92		10	145
			Acenaphthylene-d8	40	34.19	85		15	120
			4-Nitrophenol-d4	40	30.59	76		10	150
			Fluorene-d10	40	40.45	101		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	34.19	85		10	150
			Pyrene-d10	40	29.41	74		10	130
			Benzo(a)pyrene-d12	40	38.49	96		10	140
P3433-07	E05Y9	BP021460.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	13.24	33		20	120
			Phenol-d5	40	16.50	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.40	48		10	150
			2-Chlorophenol-d4	40	18.22	46		15	120
			4-Methylphenol-d8	40	18.33	46		10	140
			Nitrobenzene-d5	40	17.12	43		10	135
			2-Nitrophenol-d4	40	18.90	47		10	120
			2,4-Dichlorophenol-d3	40	18.15	45		10	140
			4-Chloroaniline-d4	40	19.63	49		1	145
			Dimethylphthalate-d6	40	24.18	60		10	145
			Acenaphthylene-d8	40	22.23	56		15	120
			4-Nitrophenol-d4	40	19.80	49		10	150
			Fluorene-d10	40	25.99	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.13	35		10	130
			Anthracene-d10	40	25.27	63		10	150
			Pyrene-d10	40	23.73	59		10	130
			Benzo(a)pyrene-d12	40	27.24	68		10	140
P3433-08MS	E05Y9MS	BP021461.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	17.92	45		20	120
			Phenol-d5	40	23.49	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.61	62		10	150
			2-Chlorophenol-d4	40	23.67	59		15	120
			4-Methylphenol-d8	40	23.44	59		10	140
			Nitrobenzene-d5	40	25.35	63		10	135
			2-Nitrophenol-d4	40	25.41	64		10	120
			2,4-Dichlorophenol-d3	40	23.22	58		10	140
			4-Chloroaniline-d4	40	25.69	64		1	145
			Dimethylphthalate-d6	40	27.61	69		10	145
			Acenaphthylene-d8	40	26.91	67		15	120
			4-Nitrophenol-d4	40	34.34	86		10	150

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3433-08MS	E05Y9MS	BP021461.D	Fluorene-d10	40	28.69	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.27	53		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	26.99	67		10	130
			Benzo(a)pyrene-d12	40	31.85	80		10	140
P3433-09MSD	E05Y9MSD	BP021462.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	19.43	49		20	120
			Phenol-d5	40	25.57	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.86	65		10	150
			2-Chlorophenol-d4	40	26.09	65		15	120
			4-Methylphenol-d8	40	25.86	65		10	140
			Nitrobenzene-d5	40	25.93	65		10	135
			2-Nitrophenol-d4	40	22.72	57		10	120
			2,4-Dichlorophenol-d3	40	25.50	64		10	140
			4-Chloroaniline-d4	40	26.24	66		1	145
			Dimethylphthalate-d6	40	31.12	78		10	145
			Acenaphthylene-d8	40	29.36	73		15	120
			4-Nitrophenol-d4	40	41.38	103		10	150
			Fluorene-d10	40	27.86	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.39	63		10	130
			Anthracene-d10	40	30.84	77		10	150
			Pyrene-d10	40	28.60	71		10	130
			Benzo(a)pyrene-d12	40	33.99	85		10	140
PB162536BL	PB162536BL	BP021453.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	21.57	54		20	120
			Phenol-d5	40	22.01	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.51	61		10	150
			2-Chlorophenol-d4	40	23.33	58		15	120
			4-Methylphenol-d8	40	22.53	56		10	140
			Nitrobenzene-d5	40	28.55	71		10	135
			2-Nitrophenol-d4	40	28.50	71		10	120
			2,4-Dichlorophenol-d3	40	25.48	64		10	140
			4-Chloroaniline-d4	40	24.16	60		1	145
			Dimethylphthalate-d6	40	27.15	68		10	145
			Acenaphthylene-d8	40	25.12	63		15	120
			4-Nitrophenol-d4	40	21.55	54		10	150
			Fluorene-d10	40	27.55	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.86	50		10	130
			Anthracene-d10	40	26.81	67		10	150
			Pyrene-d10	40	23.67	59		10	130
			Benzo(a)pyrene-d12	40	26.80	67		10	140
PB162536BS	PB162536BS	BP021456.D	1,4-Dioxane-d8	8	6.38	80		15	120
			Pyridine-d5	40	21.91	55		20	120
			Phenol-d5	40	27.35	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.12	68		10	150
			2-Chlorophenol-d4	40	26.78	67		15	120
			4-Methylphenol-d8	40	26.26	66		10	140
			Nitrobenzene-d5	40	27.07	68		10	135
			2-Nitrophenol-d4	40	27.44	69		10	120

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162536BS	PB162536BS	BP021456.D	2,4-Dichlorophenol-d3	40	27.15	68		10	140
			4-Chloroaniline-d4	40	25.76	64		1	145
			Dimethylphthalate-d6	40	28.80	72		10	145
			Acenaphthylene-d8	40	28.42	71		15	120
			4-Nitrophenol-d4	40	35.07	88		10	150
			Fluorene-d10	40	29.94	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.17	68		10	130
			Anthracene-d10	40	28.37	71		10	150
			Pyrene-d10	40	26.28	66		10	130
			Benzo(a)pyrene-d12	40	29.92	75		10	140

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-05ME	DCVW9ME	BP021458.D	Pyridine-d5	40	13.91	35		20	120
			1,4-Dioxane-d8	8	3.61	45		15	120
			Phenol-d5	40	19.09	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.59	49		10	150
			2-Chlorophenol-d4	40	19.53	49		15	120
			4-Methylphenol-d8	40	22.14	55		10	140
			Nitrobenzene-d5	40	19.18	48		10	135
			2-Nitrophenol-d4	40	21.40	53		10	120
			2,4-Dichlorophenol-d3	40	20.97	52		10	140
			4-Chloroaniline-d4	40	21.76	54		1	145
			Dimethylphthalate-d6	40	34.57	86		10	145
			Acenaphthylene-d8	40	29.82	75		15	120
			4-Nitrophenol-d4	40	27.35	68		10	150
			Fluorene-d10	40	31.19	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.14	50		10	130
			Anthracene-d10	40	33.82	85		10	150
			Pyrene-d10	40	33.88	85		10	130
			Benzo(a)pyrene-d12	40	46.65	117		10	140
P3435-14	E05Y6	BP021455.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.58	32		15	120
			Phenol-d5	40	4.00	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.71	22		10	150
			2-Chlorophenol-d4	40	8.36	21		15	120
			4-Methylphenol-d8	40	8.00	20		10	140
			Nitrobenzene-d5	40	6.29	16		10	135
			2-Nitrophenol-d4	40	8.60	22		10	120
			2,4-Dichlorophenol-d3	40	9.09	23		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	12.59	31		10	145
			Acenaphthylene-d8	40	10.91	27		15	120
			4-Nitrophenol-d4	40	5.03	13		10	150
			Fluorene-d10	40	11.89	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.84	5	*	10	130
			Anthracene-d10	40	13.30	33		10	150
			Pyrene-d10	40	12.11	30		10	130
			Benzo(a)pyrene-d12	40	9.98	25		10	140
PB162539BL	PB162539BL	BP021454.D	Pyridine-d5	40	22.27	56		20	120
			1,4-Dioxane-d8	8	5.71	71		15	120
			Phenol-d5	40	22.78	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.49	64		10	150
			2-Chlorophenol-d4	40	23.84	60		15	120
			4-Methylphenol-d8	40	23.51	59		10	140
			Nitrobenzene-d5	40	24.02	60		10	135
			2-Nitrophenol-d4	40	23.59	59		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	23.66	59		1	145
			Dimethylphthalate-d6	40	31.93	80		10	145
			Acenaphthylene-d8	40	26.65	67		15	120
			4-Nitrophenol-d4	40	21.82	55		10	150

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162539BL	PB162539BL	BP021454.D	Fluorene-d10	40	28.66	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.29	48		10	130
			Anthracene-d10	40	27.15	68		10	150
			Pyrene-d10	40	25.04	63		10	130
			Benzo(a)pyrene-d12	40	28.50	71		10	140
PB162539BS	PB162539BS	BP021457.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	21.85	55		20	120
			Phenol-d5	40	25.69	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.04	65		10	150
			2-Chlorophenol-d4	40	25.25	63		15	120
			4-Methylphenol-d8	40	21.42	54		10	140
			Nitrobenzene-d5	40	25.49	64		10	135
			2-Nitrophenol-d4	40	26.10	65		10	120
			2,4-Dichlorophenol-d3	40	26.00	65		10	140
			4-Chloroaniline-d4	40	24.29	61		1	145
			Dimethylphthalate-d6	40	27.66	69		10	145
			Acenaphthylene-d8	40	27.20	68		15	120
			4-Nitrophenol-d4	40	34.81	87		10	150
			Fluorene-d10	40	28.68	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.48	66		10	130
			Anthracene-d10	40	27.16	68		10	150
			Pyrene-d10	40	21.79	54		10	130
			Benzo(a)pyrene-d12	40	28.19	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080824

Lab Code: CHEM

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021451.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 16:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	93.7
443	15.0 - 24.0% of mass 442	18.2 (19.4) 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
SSTD020736	SSTDCCC020	BP021452.D	08/08/2024	17:00
SBLK536	PB162536BL	BP021453.D	08/08/2024	17:48
SBLK539	PB162539BL	BP021454.D	08/08/2024	18:35
E05Y6	P3435-14	BP021455.D	08/08/2024	19:22
SLCS536	PB162536BS	BP021456.D	08/08/2024	20:10
SLCS539	PB162539BS	BP021457.D	08/08/2024	20:57
DCVW9ME	P3171-05ME	BP021458.D	08/08/2024	21:45
E05Y8	P3433-06	BP021459.D	08/08/2024	22:32
E05Y9	P3433-07	BP021460.D	08/08/2024	23:19
E05Y9MS	P3433-08MS	BP021461.D	08/09/2024	00:07
E05Y9MSD	P3433-09MSD	BP021462.D	08/09/2024	00:54
SSTD020737	SSTDCCC020EC	BP021463.D	08/09/2024	03:16