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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4780 SAS No.: P4780 SDG No.: P4780

Instrument ID: BNA_G Calibration Date(s): 11/06/2024 11/06/2024

Calibration Time(s): 11:37 15:26

LAB FILE ID: RRFAL1 = BG063165.D RRFAL2 = BG063166.D RRFAL3 = BG063167.D
RRFAL4 = BG063168.D RRFAL5 = BG063169.D RRFAL6 = BG063170.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.530	0.626	0.617	0.484	0.466		0.545	13.6
Benzaldehyde		1.320	1.355	1.053	0.704	0.555	0.997	36.1
Hexachloroethane	0.483	0.506	0.552	0.502	0.496		0.508	5.2
Nitrobenzene	0.390	0.442	0.449	0.453	0.434		0.434	5.8
Isophorone	0.893	0.910	0.941	0.955	0.876		0.915	3.6
2-Nitrophenol	0.164	0.173	0.187	0.192	0.183		0.180	6.3
2,4-Dimethylphenol	0.339	0.383	0.411	0.419	0.407		0.392	8.2
Bis(2-Chloroethoxy)methane	0.403	0.447	0.464	0.459	0.432		0.441	5.5
2,4-Dichlorophenol	0.297	0.308	0.350	0.367	0.359		0.336	9.5
Naphthalene	0.983	1.029	1.057	1.048	0.999		1.023	3.1
4-Chloroaniline		0.423	0.444	0.470	0.451	0.435	0.445	4.0
Hexachlorobutadiene	0.304	0.324	0.327	0.334	0.320		0.322	3.4
Phenol		1.806	1.990	1.960	1.997	2.080	1.967	5.1
Caprolactam		0.148	0.147	0.144	0.133	0.126	0.140	6.9
4-Chloro-3-methylphenol	0.373	0.386	0.425	0.424	0.408		0.403	5.8
2-Methylnaphthalene	0.757	0.811	0.842	0.838	0.808		0.811	4.2
Hexachlorocyclopentadiene		0.307	0.358	0.382	0.417	0.461	0.385	15.2
2,4,6-Trichlorophenol	0.333	0.355	0.396	0.405	0.414		0.381	9.2
2,4,5-Trichlorophenol	0.372	0.369	0.430	0.441	0.451		0.413	9.5
1,1-Biphenyl	1.222	1.278	1.296	1.291	1.252		1.268	2.4
2-Chloronaphthalene	0.960	0.998	0.996	0.993	0.988		0.987	1.6
2-Nitroaniline	0.307	0.322	0.342	0.353	0.359		0.337	6.5
Bis(2-Chloroethyl)ether		1.362	1.392	1.328	1.289	1.316	1.338	3.0
Dimethylphthalate	1.567	1.561	1.518	1.467	1.399		1.502	4.7
2,6-Dinitrotoluene	0.263	0.276	0.296	0.304	0.298		0.287	6.0
Acenaphthylene	1.468	1.557	1.565	1.547	1.501		1.527	2.7
3-Nitroaniline		0.272	0.284	0.266	0.231	0.202	0.251	13.5
Acenaphthene	1.015	1.128	1.125	1.119	1.079		1.093	4.4
2,4-Dinitrophenol		0.206	0.138	0.184	0.201	0.218	0.190	16.4
4-Nitrophenol		0.227	0.286	0.297	0.294	0.290	0.279	10.5
Dibenzofuran	1.644	1.699	1.711	1.689	1.623		1.674	2.3
2,4-Dinitrotoluene	0.427	0.465	0.461	0.465	0.456		0.455	3.5
Diethylphthalate	1.584	1.608	1.589	1.502	1.417		1.540	5.2
2-Chlorophenol	1.138	1.215	1.287	1.301	1.324		1.253	6.1

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4780 SAS No.: P4780 SDG No.: P4780

Instrument ID: BNA_G Calibration Date(s): 11/06/2024 11/06/2024

Calibration Time(s): 11:37 15:26

LAB FILE ID: RRFAL1 = BG063165.D RRFAL2 = BG063166.D RRFAL3 = BG063167.D
RRFAL4 = BG063168.D RRFAL5 = BG063169.D RRFAL6 = BG063170.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.382	1.421	1.464	1.418	1.398		1.416	2.2
4-Chlorophenyl-phenylether	0.850	0.927	0.946	0.917	0.912		0.910	4.0
4-Nitroaniline		0.277	0.302	0.257	0.225	0.208	0.254	15.0
4,6-Dinitro-2-methylphenol		0.108	0.130	0.136	0.137	0.142	0.130	10.3
N-Nitrosodiphenylamine	0.414	0.445	0.462	0.461	0.450		0.446	4.4
1,2,4,5-Tetrachlorobenzene	0.657	0.717	0.709	0.718	0.723		0.705	3.8
4-Bromophenyl-phenylether	0.213	0.218	0.234	0.243	0.235		0.229	5.5
Hexachlorobenzene	0.244	0.236	0.246	0.242	0.250		0.244	2.1
Atrazine		0.248	0.255	0.245	0.241	0.231	0.244	3.6
Pentachlorophenol		0.137	0.093	0.111	0.125	0.144	0.122	16.7
2-Methylphenol		1.325	1.467	1.430	1.443	1.517	1.437	4.9
Phenanthrene	0.888	0.916	0.953	0.929	0.882		0.914	3.2
Anthracene	0.922	0.942	0.974	0.953	0.889		0.936	3.4
Carbazole		0.807	0.849	0.801	0.749	0.679	0.777	8.4
Di-n-butylphthalate	0.883	0.895	0.938	0.890	0.815		0.884	5.0
Fluoranthene	1.039	1.095	1.138	1.127	1.021		1.084	4.8
Pyrene	1.150	1.153	1.203	1.192	1.046		1.149	5.4
Butylbenzylphthalate	0.307	0.327	0.340	0.360	0.344		0.336	6.0
3,3-Dichlorobenzidine		0.460	0.474	0.452	0.409	0.355	0.430	11.3
2,2-oxybis(1-Chloropropane)		1.659	1.752	1.691	1.676	1.674	1.691	2.1
Benzo(a)anthracene	1.224	1.290	1.333	1.295	1.183		1.265	4.8
Chrysene	1.148	1.207	1.234	1.202	1.107		1.179	4.3
Bis(2-ethylhexyl)phthalate	0.451	0.476	0.504	0.517	0.496		0.489	5.3
Di-n-octyl phthalate		0.776	0.832	0.819	0.801	0.713	0.788	6.0
Benzo(b)fluoranthene	1.115	1.198	1.269	1.249	1.186		1.203	5.0
Benzo(k)fluoranthene	1.188	1.196	1.236	1.192	1.181		1.199	1.8
Benzo(a)pyrene	1.066	1.111	1.152	1.132	1.104		1.113	2.9
Indeno(1,2,3-cd)pyrene	1.299	1.334	1.397	1.390	1.407		1.365	3.4
Dibenzo(a,h)anthracene	1.050	1.121	1.115	1.148	1.133		1.113	3.4
Benzo(g,h,i)perylene	0.977	1.013	1.074	1.057	1.055		1.035	3.8
Acetophenone		2.288	2.612	2.525	2.439	2.451	2.463	4.9
2,3,4,6-Tetrachlorophenol	0.339	0.429	0.443	0.453	0.473		0.427	12.2
1,4-Dioxane-d8	0.372	0.465	0.484	0.473	0.418		0.442	10.6
Pyridine-d5		1.360	1.527	1.442	1.479	1.502	1.462	4.5
Phenol-d5		1.608	1.867	1.776	1.853	1.920	1.805	6.7

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4780 SAS No.: P4780 SDG No.: P4780

Instrument ID: BNA_G Calibration Date(s): 11/06/2024 11/06/2024

Calibration Time(s): 11:37 15:26

LAB FILE ID: RRFAL1 = BG063165.D RRFAL2 = BG063166.D RRFAL3 = BG063167.D
RRFAL4 = BG063168.D RRFAL5 = BG063169.D RRFAL6 = BG063170.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Bis-(2-Chloroethyl)ether-d8		1.048	1.074	1.059	1.051	1.062	1.059	1.0
2-Chlorophenol-d4	0.991	1.137	1.265	1.231	1.233		1.171	9.5
4-Methylphenol-d8		1.444	1.523	1.534	1.532	1.615	1.530	4.0
Nitrobenzene-d5	0.126	0.143	0.143	0.147	0.145		0.141	6.1
2-Nitrophenol-d4	0.164	0.185	0.182	0.191	0.186		0.182	5.7
2,4-Dichlorophenol-d3	0.306	0.353	0.357	0.384	0.383		0.357	8.9
4-Chloroaniline-d4		0.437	0.465	0.492	0.478	0.450	0.465	4.7
4-Methylphenol		1.581	1.598	1.630	1.655	1.704	1.634	3.0
Dimethylphthalate-d6	1.568	1.635	1.617	1.537	1.476		1.567	4.1
Acenaphthylene-d8	1.457	1.551	1.561	1.576	1.521		1.533	3.1
4-Nitrophenol-d4		0.200	0.212	0.223	0.224	0.214	0.214	4.5
Fluorene-d10	1.263	1.341	1.363	1.342	1.302		1.322	3.0
4,6-Dinitro-2-methylphenol-		0.115	0.122	0.128	0.130	0.134	0.126	6.0
Anthracene-d10	0.853	0.848	0.892	0.874	0.831		0.860	2.8
Pyrene-d10	0.963	1.020	1.037	1.039	0.955		1.003	4.0
Benzo(a)pyrene-d12	0.935	0.947	0.989	0.980	0.977		0.966	2.4
N-Nitroso-di-n-propylamine	1.248	1.484	1.518	1.488	1.446		1.437	7.6

All other compounds must meet a minimum RRF of 0.010.