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: PARS02

Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Instrument ID: BNA_M Calibration Date(s): 04/08/2025 04/08/2025

Calibration Time(s): 13:35 20:07

LAB FILE ID: RRF2.5 = BM049848.D RRF005 = BM049849.D RRF010 = BM049850.D
RRF020 = BM049851.D RRF040 = BM049852.D RRF050 = BM049853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.145	1.144	1.213	1.191	1.165	1.178	2.4
Benzaldehyde		0.874	0.830	0.838	0.750	0.712	0.752	14.3
Phenol-d6		1.391	1.392	1.523	1.491	1.433	1.465	4.2
Phenol		1.376	1.370	1.482	1.441	1.394	1.430	3.6
bis(2-Chloroethyl)ether		1.113	1.084	1.147	1.135	1.096	1.121	2.4
2-Chlorophenol		1.180	1.191	1.250	1.218	1.174	1.207	2.4
2-Methylphenol		0.858	0.856	0.916	0.891	0.850	0.881	3.3
2,2-oxybis(1-Chloropropane)		1.268	1.235	1.312	1.267	1.192	1.250	3.2
Acetophenone		0.463	0.477	0.496	0.498	0.482	0.486	2.6
3+4-Methylphenols		1.140	1.142	1.246	1.224	1.170	1.201	4.3
n-Nitroso-di-n-propylamine	0.760	0.786	0.783	0.860	0.836	0.793	0.812	4.6
Nitrobenzene-d5		0.335	0.344	0.366	0.368	0.361	0.359	4.0
Hexachloroethane		0.505	0.494	0.520	0.504	0.486	0.500	2.3
Nitrobenzene		0.329	0.329	0.354	0.356	0.345	0.346	3.5
Isophorone		0.569	0.568	0.613	0.616	0.598	0.602	4.0
2-Nitrophenol		0.162	0.165	0.183	0.189	0.190	0.183	7.9
2,4-Dimethylphenol		0.185	0.194	0.208	0.213	0.212	0.208	6.5
bis(2-Chloroethoxy)methane		0.386	0.386	0.411	0.410	0.399	0.403	3.1
2,4-Dichlorophenol		0.319	0.320	0.348	0.353	0.349	0.345	5.5
Naphthalene		1.004	0.990	1.045	1.042	1.019	1.028	2.3
4-Chloroaniline		0.348	0.351	0.376	0.380	0.359	0.363	3.3
Hexachlorobutadiene		0.238	0.236	0.245	0.249	0.249	0.247	3.3
Caprolactam		0.093	0.089	0.100	0.102	0.099	0.099	6.3
4-Chloro-3-methylphenol		0.277	0.276	0.305	0.309	0.303	0.302	6.4
2-Methylnaphthalene		0.683	0.685	0.729	0.734	0.721	0.724	4.2
Hexachlorocyclopentadiene		0.214	0.223	0.247	0.264	0.260	0.245	7.9
2,4,6-Trichlorophenol		0.417	0.420	0.444	0.459	0.449	0.445	4.5
2-Fluorobiphenyl		1.425	1.414	1.499	1.515	1.486	1.475	2.7
2,4,5-Trichlorophenol		0.465	0.452	0.472	0.500	0.483	0.484	4.5
1,1-Biphenyl		1.451	1.429	1.514	1.528	1.480	1.487	2.5
2-Chloronaphthalene		1.140	1.144	1.188	1.194	1.163	1.169	1.9
2-Nitroaniline		0.232	0.242	0.272	0.283	0.281	0.270	8.8
Dimethylphthalate		1.366	1.331	1.430	1.438	1.411	1.411	3.3
Acenaphthylene		1.627	1.613	1.718	1.742	1.711	1.702	3.5

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: PARS02

Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Instrument ID: BNA_M Calibration Date(s): 04/08/2025 04/08/2025

Calibration Time(s): 13:35 20:07

LAB FILE ID: RRF2.5 = BM049848.D RRF005 = BM049849.D RRF010 = BM049850.D
RRF020 = BM049851.D RRF040 = BM049852.D RRF050 = BM049853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.249	0.265	0.303	0.310	0.305	0.296	9.4
3-Nitroaniline		0.236	0.253	0.290	0.310	0.295	0.286	10.6
Acenaphthene		1.027	1.023	1.089	1.113	1.089	1.083	3.8
2,4-Dinitrophenol			0.097	0.148	0.184	0.194	0.175	26.0
4-Nitrophenol		0.195	0.213	0.257	0.270	0.273	0.255	14.3
Dibenzofuran		1.737	1.709	1.821	1.845	1.815	1.810	3.5
2,4-Dinitrotoluene		0.309	0.333	0.395	0.421	0.420	0.394	13.4
Diethylphthalate		1.311	1.270	1.378	1.390	1.347	1.353	3.5
4-Chlorophenyl-phenylether		0.699	0.694	0.761	0.789	0.791	0.771	7.4
Fluorene		1.354	1.335	1.450	1.481	1.456	1.439	4.7
4-Nitroaniline		0.227	0.247	0.301	0.320	0.316	0.295	14.0
4,6-Dinitro-2-methylphenol			0.094	0.119	0.132	0.133	0.126	13.6
n-Nitrosodiphenylamine		0.561	0.578	0.606	0.619	0.602	0.599	3.5
2,4,6-Tribromophenol		0.258	0.255	0.280	0.294	0.298	0.291	9.9
4-Bromophenyl-phenylether		0.212	0.212	0.227	0.239	0.237	0.232	6.8
Hexachlorobenzene		0.249	0.250	0.262	0.273	0.268	0.266	5.1
Atrazine		0.186	0.177	0.142	0.130	0.142	0.155	15.9
Pentachlorophenol		0.181	0.186	0.191	0.204	0.197	0.196	5.5
Phenanthrene		1.031	1.030	1.095	1.133	1.104	1.096	4.4
Anthracene		0.997	1.004	1.074	1.125	1.099	1.081	5.4
Carbazole		0.922	0.952	1.024	1.059	1.038	1.018	5.7
Di-n-butylphthalate		1.119	1.120	1.189	1.216	1.176	1.172	3.2
Fluoranthene		1.187	1.206	1.310	1.387	1.395	1.348	8.8
Pyrene		1.310	1.280	1.395	1.408	1.393	1.378	4.3
Terphenyl-d14		0.988	1.004	1.139	1.187	1.142	1.067	7.9
Butylbenzylphthalate		0.502	0.500	0.537	0.536	0.511	0.518	2.9
3,3-Dichlorobenzidine		0.428	0.450	0.492	0.526	0.516	0.502	9.7
Benzo(a)anthracene		1.237	1.226	1.335	1.362	1.345	1.329	5.4
Chrysene		1.179	1.173	1.261	1.292	1.277	1.264	5.2
Bis(2-ethylhexyl)phthalate		0.758	0.747	0.790	0.783	0.740	0.755	3.2
Di-n-octyl phthalate		1.291	1.287	1.366	1.362	1.307	1.320	2.4
Benzo(b)fluoranthene		1.141	1.157	1.223	1.308	1.313	1.277	8.4
Benzo(k)fluoranthene		1.132	1.122	1.209	1.242	1.263	1.238	7.5
Benzo(a)pyrene		1.011	1.026	1.096	1.130	1.154	1.122	7.5
Indeno(1,2,3-cd)pyrene		1.375	1.368	1.480	1.507	1.523	1.491	6.2

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: PARS02

Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Instrument ID: BNA_M Calibration Date(s): 04/08/2025 04/08/2025

Calibration Time(s): 13:35 20:07

LAB FILE ID: RRF2.5 = BM049848.D RRF005 = BM049849.D RRF010 = BM049850.D
RRF020 = BM049851.D RRF040 = BM049852.D RRF050 = BM049853.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.128	1.128	1.205	1.244	1.258	1.228	6.4
Benzo(g,h,i)perylene		1.178	1.179	1.255	1.265	1.269	1.255	4.7
1,2,4,5-Tetrachlorobenzene		0.664	0.662	0.697	0.706	0.711	0.700	4.0
1,4-Dioxane		0.497	0.470	0.501	0.488	0.486	0.485	2.5
2,3,4,6-Tetrachlorophenol		0.418	0.397	0.416	0.427	0.420	0.424	4.2

All other compounds must meet a minimum RRF of 0.010.