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: TETR06

Lab Code: CHEM Case No.: Q1069 SAS No.: Q1069 SDG No.: Q1069

Instrument ID: BNA_F Calibration Date(s): 01/10/2025 01/10/2025

Calibration Time(s): 11:58 17:45

LAB FILE ID: RRF2.5 = BF141109.D RRF005 = BF141110.D RRF010 = BF141111.D
RRF020 = BF141112.D RRF040 = BF141113.D RRF050 = BF141117.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.453	1.400	1.378	1.248	1.236	1.295	9.1
Benzaldehyde		1.215	1.139	1.040	0.849	0.782	0.966	19.8
Phenol-d6		1.834	1.773	1.736	1.566	1.569	1.640	8.6
Phenol		1.943	1.902	1.861	1.701	1.665	1.756	8.4
bis(2-Chloroethyl)ether		1.445	1.372	1.363	1.256	1.279	1.308	6.9
2-Chlorophenol		1.561	1.476	1.458	1.345	1.338	1.389	8.2
2-Methylphenol		1.209	1.175	1.182	1.088	1.091	1.121	6.0
2,2-oxybis(1-Chloropropane)		2.046	1.913	1.939	1.766	1.746	1.826	7.8
Acetophenone		0.539	0.516	0.507	0.445	0.455	0.475	9.4
3+4-Methylphenols		1.631	1.529	1.527	1.375	1.342	1.415	10.9
n-Nitroso-di-n-propylamine	1.062	1.068	1.011	1.009	0.906	0.915	0.966	8.4
Nitrobenzene-d5		0.400	0.390	0.394	0.365	0.370	0.377	4.8
Hexachloroethane		0.610	0.591	0.595	0.548	0.551	0.565	6.4
Nitrobenzene		0.419	0.410	0.411	0.377	0.384	0.393	5.2
Isophorone		0.692	0.668	0.674	0.617	0.629	0.645	5.1
2-Nitrophenol		0.161	0.173	0.190	0.178	0.184	0.179	5.3
2,4-Dimethylphenol		0.252	0.244	0.250	0.236	0.239	0.241	3.3
bis(2-Chloroethoxy)methane		0.435	0.419	0.430	0.387	0.393	0.405	5.6
2,4-Dichlorophenol		0.296	0.296	0.300	0.277	0.286	0.287	4.3
Naphthalene		1.178	1.126	1.131	0.998	1.023	1.055	8.6
4-Chloroaniline		0.397	0.390	0.386	0.345	0.349	0.365	7.1
Hexachlorobutadiene		0.213	0.207	0.208	0.188	0.194	0.197	6.2
Caprolactam		0.096	0.092	0.099	0.091	0.094	0.094	3.0
4-Chloro-3-methylphenol		0.331	0.322	0.327	0.302	0.313	0.313	4.4
2-Methylnaphthalene		0.751	0.719	0.710	0.638	0.654	0.672	8.3
Hexachlorocyclopentadiene		0.170	0.181	0.201	0.200	0.189	0.188	5.7
2,4,6-Trichlorophenol		0.399	0.384	0.412	0.380	0.382	0.387	3.4
2-Fluorobiphenyl		1.582	1.459	1.408	1.225	1.224	1.310	13.4
2,4,5-Trichlorophenol		0.429	0.419	0.418	0.401	0.411	0.409	4.1
1,1-Biphenyl		1.761	1.671	1.654	1.490	1.491	1.553	9.3
2-Chloronaphthalene		1.345	1.288	1.273	1.164	1.174	1.210	7.8
2-Nitroaniline		0.360	0.358	0.365	0.351	0.365	0.359	2.0
Dimethylphthalate		1.447	1.406	1.404	1.299	1.318	1.343	5.8
Acenaphthylene		1.915	1.820	1.830	1.660	1.678	1.728	7.5

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: TETR06

Lab Code: CHEM Case No.: Q1069 SAS No.: Q1069 SDG No.: Q1069

Instrument ID: BNA_F Calibration Date(s): 01/10/2025 01/10/2025

Calibration Time(s): 11:58 17:45

LAB FILE ID: RRF2.5 = BF141109.D RRF005 = BF141110.D RRF010 = BF141111.D
RRF020 = BF141112.D RRF040 = BF141113.D RRF050 = BF141117.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.308	0.317	0.328	0.312	0.315	0.312	3.3
3-Nitroaniline		0.321	0.324	0.333	0.316	0.320	0.317	3.7
Acenaphthene		1.317	1.267	1.274	1.165	1.185	1.208	6.7
2,4-Dinitrophenol			0.097	0.133	0.155	0.168	0.148	19.4
4-Nitrophenol		0.224	0.241	0.255	0.250	0.264	0.248	5.3
Dibenzofuran		1.866	1.736	1.738	1.586	1.585	1.642	8.8
2,4-Dinitrotoluene		0.372	0.401	0.423	0.395	0.424	0.402	4.7
Diethylphthalate		1.416	1.397	1.378	1.253	1.289	1.311	6.6
4-Chlorophenyl-phenylether		0.709	0.672	0.663	0.594	0.593	0.622	9.7
Fluorene		1.488	1.403	1.359	1.197	1.213	1.276	11.1
4-Nitroaniline		0.314	0.312	0.315	0.300	0.323	0.311	3.1
4,6-Dinitro-2-methylphenol		0.077	0.095	0.120	0.129	0.130	0.116	18.4
n-Nitrosodiphenylamine		0.706	0.677	0.683	0.651	0.603	0.645	7.4
2,4,6-Tribromophenol		0.233	0.233	0.235	0.219	0.230	0.228	3.0
4-Bromophenyl-phenylether		0.241	0.237	0.238	0.232	0.220	0.230	4.2
Hexachlorobenzene		0.273	0.263	0.266	0.257	0.244	0.256	4.8
Atrazine		0.213	0.201	0.170	0.141	0.184	0.174	16.3
Pentachlorophenol		0.142	0.162	0.171	0.173	0.169	0.164	6.6
Phenanthrene		1.218	1.152	1.122	1.064	1.014	1.074	9.0
Anthracene		1.162	1.111	1.095	1.042	0.994	1.044	8.2
Carbazole		1.052	1.025	1.011	0.944	0.935	0.957	8.1
Di-n-butylphthalate		1.186	1.177	1.139	1.087	1.079	1.096	7.3
Fluoranthene		1.211	1.188	1.104	1.037	1.051	1.071	9.7
Pyrene		1.952	1.977	2.081	1.848	1.839	1.910	6.1
Terphenyl-d14		1.444	1.424	1.483	1.272	1.280	1.346	8.4
Butylbenzylphthalate		0.583	0.629	0.663	0.614	0.677	0.637	5.4
3,3-Dichlorobenzidine		0.434	0.422	0.444	0.418	0.426	0.433	2.7
Benzo(a)anthracene		1.473	1.420	1.427	1.245	1.329	1.361	6.3
Chrysene		1.382	1.316	1.336	1.207	1.237	1.274	5.5
Bis(2-ethylhexyl)phthalate		0.734	0.768	0.807	0.726	0.819	0.764	5.4
Di-n-octyl phthalate		0.950	1.039	1.169	1.151	1.235	1.154	10.5
Benzo(b)fluoranthene		1.461	1.415	1.290	1.201	1.315	1.290	9.0
Benzo(k)fluoranthene		1.128	1.102	1.141	1.043	1.038	1.090	3.7
Benzo(a)pyrene		1.103	1.090	1.095	1.039	1.048	1.064	3.3
Indeno(1,2,3-cd)pyrene		1.472	1.420	1.558	1.472	1.421	1.465	4.5

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: TETR06

Lab Code: CHEM Case No.: Q1069 SAS No.: Q1069 SDG No.: Q1069

Instrument ID: BNA_F Calibration Date(s): 01/10/2025 01/10/2025

Calibration Time(s): 11:58 17:45

LAB FILE ID: RRF2.5 = BF141109.D RRF005 = BF141110.D RRF010 = BF141111.D
RRF020 = BF141112.D RRF040 = BF141113.D RRF050 = BF141117.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.174	1.178	1.262	1.197	1.150	1.185	5.0
Benzo(g,h,i)perylene		1.256	1.221	1.347	1.263	1.195	1.233	7.6
1,2,4,5-Tetrachlorobenzene		0.632	0.601	0.604	0.554	0.552	0.574	6.8
1,4-Dioxane		0.616	0.596	0.598	0.563	0.573	0.577	5.2
2,3,4,6-Tetrachlorophenol		0.353	0.358	0.354	0.332	0.333	0.340	4.7

All other compounds must meet a minimum RRF of 0.010.