

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03
Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502
Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025
Calibration Time(s): 16:17 21:02

LAB FILE ID:		RRF2.5 = BP024160.D			RRF005 = BP024161.D		RRF010 = BP024162.D	
		RRF020 = BP024163.D			RRF040 = BP024164.D		RRF050 = BP024165.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.444	0.436	0.476	0.431	0.461	0.454	3.7
Pyridine		1.296	1.269	1.406	1.311	1.396	1.358	4.7
2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.253	5.1
Aniline		1.508	1.531	1.656	1.484	1.548	1.527	4.3
Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.675	5.9
bis(2-Chloroethyl) ether		1.286	1.317	1.407	1.273	1.341	1.334	3.5
1,2-Dichlorobenzene		1.446	1.426	1.494	1.358	1.435	1.430	2.8
1,3-Dichlorobenzene		1.466	1.448	1.522	1.387	1.477	1.459	2.8
1,4-Dichlorobenzene		1.507	1.474	1.562	1.413	1.493	1.490	3.0
Benzyl Alcohol		0.934	0.966	1.096	1.042	1.122	1.061	7.8
2,2-oxybis(1-Chloropropane)		1.374	1.367	1.434	1.293	1.365	1.361	3.1
n-Nitroso-di-n-propylamine	0.869	0.910	0.956	1.048	0.962	1.026	0.972	6.2
Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.354	4.3
Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.529	2.7
Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.350	3.9
Isophorone		0.532	0.562	0.631	0.602	0.635	0.608	7.3
bis(2-Chloroethoxy) methane		0.414	0.418	0.438	0.418	0.429	0.427	2.5
1,2,4-Trichlorobenzene		0.310	0.312	0.329	0.312	0.322	0.321	2.9
Naphthalene		1.041	1.037	1.099	1.029	1.069	1.060	2.4
4-Chloroaniline		0.344	0.356	0.397	0.377	0.394	0.379	5.6
Hexachlorobutadiene		0.177	0.178	0.187	0.180	0.187	0.185	3.4
2-Methylnaphthalene		0.689	0.684	0.737	0.704	0.731	0.716	3.3
Hexachlorocyclopentadiene		0.169	0.189	0.214	0.212	0.220	0.208	10.6
2-Fluorobiphenyl		1.364	1.358	1.420	1.319	1.335	1.356	2.4
2-Chloronaphthalene		1.108	1.100	1.180	1.095	1.115	1.130	3.0
2-Nitroaniline		0.228	0.252	0.300	0.292	0.311	0.289	12.3
Dimethylphthalate		1.351	1.349	1.459	1.358	1.417	1.399	3.3
Acenaphthylene		1.586	1.628	1.776	1.661	1.749	1.710	4.9
2,6-Dinitrotoluene		0.248	0.266	0.303	0.294	0.312	0.294	9.4
3-Nitroaniline		0.253	0.276	0.328	0.322	0.344	0.318	12.2
Acenaphthene		1.057	1.056	1.136	1.061	1.096	1.093	3.2
2,4-Dinitrotoluene		0.295	0.334	0.400	0.394	0.423	0.389	14.2
Diethylphthalate		1.297	1.336	1.437	1.358	1.422	1.394	4.5
4-Chlorophenyl-phenylether		0.658	0.660	0.696	0.658	0.685	0.676	2.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03
Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502
Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025
Calibration Time(s): 16:17 21:02

LAB FILE ID:		RRF2.5 = BP024160.D			RRF005 = BP024161.D		RRF010 = BP024162.D	
		RRF020 = BP024163.D			RRF040 = BP024164.D		RRF050 = BP024165.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Fluorene		1.309	1.343	1.442	1.345	1.407	1.379	3.4
4-Nitroaniline		0.246	0.292	0.348	0.343	0.362	0.334	14.2
n-Nitrosodiphenylamine		0.564	0.583	0.629	0.600	0.617	0.607	4.3
2,4,6-Tribromophenol		0.203	0.222	0.256	0.252	0.270	0.252	11.7
4-Bromophenyl-phenylether		0.206	0.207	0.222	0.217	0.224	0.220	4.6
Hexachlorobenzene		0.248	0.249	0.263	0.254	0.263	0.260	3.8
Phenanthrene		1.068	1.059	1.126	1.083	1.100	1.093	2.2
Anthracene		0.993	1.012	1.101	1.063	1.092	1.064	4.2
Carbazole		0.920	0.975	1.060	1.041	1.060	1.026	5.5
Di-n-butylphthalate		1.026	1.121	1.247	1.260	1.272	1.218	8.6
Fluoranthene		1.173	1.220	1.287	1.264	1.305	1.265	4.1
Benzidine		0.222	0.199	0.178	0.258	0.173	0.219	17.9
Pyrene		1.177	1.190	1.299	1.204	1.266	1.243	4.1
Terphenyl-d14		0.967	0.973	1.033	0.948	0.966	0.969	3.4
Butylbenzylphthalate		0.399	0.441	0.513	0.524	0.554	0.513	13.5
3,3-Dichlorobenzidine		0.340	0.369	0.429	0.428	0.434	0.417	10.9
Benzo (a) anthracene		1.194	1.194	1.291	1.208	1.261	1.243	3.5
Chrysene		1.185	1.159	1.224	1.158	1.212	1.195	2.4
Bis(2-ethylhexyl)phthalate		0.613	0.678	0.784	0.792	0.819	0.774	12.3
Di-n-octyl phthalate		0.922	1.033	1.224	1.272	1.357	1.240	16.0
Benzo (b) fluoranthene		1.103	1.116	1.258	1.190	1.244	1.206	5.9
Benzo (k) fluoranthene		1.092	1.136	1.213	1.130	1.203	1.180	5.1
Benzo (a) pyrene		0.953	0.959	1.065	1.029	1.094	1.049	6.8
Indeno (1,2,3-cd) pyrene		1.274	1.289	1.421	1.366	1.442	1.396	6.4
Dibenzo (a,h) anthracene		1.063	1.083	1.184	1.137	1.191	1.161	6.0
Benzo (g,h,i) perylene		1.097	1.107	1.199	1.154	1.202	1.180	5.4
1,2,4,5-Tetrachlorobenzene		0.548	0.560	0.596	0.558	0.580	0.578	4.0
1,4-Dioxane		0.503	0.499	0.518	0.469	0.496	0.497	2.9
1-Methylnaphthalene		0.674	0.673	0.728	0.673	0.704	0.697	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1