

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03
Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883
Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
Naphthalene		1.001	0.959	0.993	1.066	1.057	1.013	3.8
2-Methylnaphthalene		0.656	0.639	0.662	0.713	0.714	0.679	4.2
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
Acenaphthylene		1.794	1.715	1.810	1.972	1.971	1.857	5.1
Acenaphthene		1.038	0.998	1.046	1.133	1.145	1.075	4.9
Fluorene		1.387	1.343	1.431	1.558	1.573	1.463	5.8
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
Phenanthrene		1.075	1.035	1.083	1.187	1.212	1.128	5.8
Anthracene		1.062	1.038	1.096	1.214	1.236	1.142	6.8
Fluoranthene		1.178	1.142	1.250	1.410	1.455	1.324	9.9
Pyrene		1.290	1.255	1.332	1.518	1.520	1.404	7.8
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6
Benzo (a) anthracene		1.280	1.231	1.321	1.478	1.479	1.377	7.2
Chrysene		1.208	1.170	1.214	1.342	1.369	1.275	6.0
Benzo (b) fluoranthene		1.128	1.149	1.209	1.406	1.415	1.301	10.2
Benzo (k) fluoranthene		1.219	1.150	1.251	1.387	1.449	1.316	8.3
Benzo (a) pyrene		1.094	1.066	1.147	1.295	1.330	1.218	9.2
Indeno (1,2,3-cd) pyrene		1.301	1.293	1.404	1.602	1.646	1.490	10.3
Dibenzo (a,h) anthracene		1.056	1.044	1.142	1.300	1.347	1.215	10.7
Benzo (g,h,i) perylene		1.066	1.030	1.105	1.236	1.268	1.163	8.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1