

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03
Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG No.: Q1984
Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025
Calibration Time(s): 10:41 15:26

LAB FILE ID:		RRF2.5 = BP024614.D			RRF005 = BP024615.D		RRF010 = BP024616.D	
		RRF020 = BP024617.D			RRF040 = BP024618.D		RRF050 = BP024619.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
Naphthalene		1.064	1.026	1.049	0.980	1.091	1.036	3.5
2-Methylnaphthalene		0.673	0.654	0.670	0.640	0.713	0.671	3.7
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
Acenaphthylene		1.845	1.818	1.920	1.804	2.029	1.886	4.2
Acenaphthene		1.105	1.054	1.094	1.028	1.159	1.084	4.0
Fluorene		1.466	1.415	1.410	1.336	1.494	1.410	4.1
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
Phenanthrene		1.144	1.085	1.125	1.051	1.170	1.112	3.7
Anthracene		1.097	1.064	1.142	1.075	1.205	1.119	4.3
Fluoranthene		1.271	1.254	1.314	1.250	1.399	1.300	4.2
Pyrene		1.184	1.137	1.197	1.153	1.273	1.198	3.8
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3
Benzo (a) anthracene		1.251	1.218	1.253	1.208	1.336	1.256	3.4
Chrysene		1.214	1.180	1.185	1.131	1.255	1.190	3.2
Benzo (b) fluoranthene		1.028	1.070	1.152	1.103	1.288	1.145	7.6
Benzo (k) fluoranthene		1.147	1.106	1.182	1.140	1.258	1.180	4.6
Benzo (a) pyrene		0.995	1.001	1.112	1.064	1.221	1.099	7.7
Indeno (1,2,3-cd) pyrene		1.341	1.357	1.447	1.424	1.608	1.460	6.7
Dibenzo (a,h) anthracene		1.068	1.066	1.186	1.167	1.321	1.188	8.2
Benzo (g,h,i) perylene		1.101	1.106	1.167	1.147	1.294	1.181	6.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1