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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LIRO01

Lab Code: CHEM Case No.: Q2333 SAS No.: Q2333 SDG No.: Q2333

Instrument ID: BNA_F Calibration Date(s): 06/10/2025 06/10/2025

Calibration Time(s): 16:54 20:19

LAB FILE ID: RRF2.5 = BF142712.D RRF005 = BF142713.D RRF010 = BF142714.D
RRF020 = BF142715.D RRF040 = BF142716.D RRF050 = BF142717.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.174	4.5
Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.382	3.7
Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.365	3.2
2-Fluorobiphenyl		1.690	1.610	1.569	1.444	1.535	1.505	9.0
Acenaphthylene		2.053	1.986	2.003	1.881	1.991	1.929	5.6
Acenaphthene		1.266	1.222	1.224	1.170	1.237	1.196	4.8
Fluorene		1.547	1.429	1.397	1.279	1.357	1.345	9.5
2,4,6-Tribromophenol		0.236	0.223	0.224	0.213	0.226	0.219	5.3
Phenanthrene		1.165	1.100	1.094	1.036	1.091	1.071	5.6
Anthracene		1.203	1.145	1.140	1.064	1.132	1.108	6.0
Fluoranthene		1.184	1.083	1.081	0.965	0.988	1.019	10.1
Pyrene		2.014	1.918	1.928	1.883	1.878	1.859	6.7
Terphenyl-d14		1.609	1.562	1.556	1.462	1.430	1.456	9.1
Benzo(a)anthracene		1.367	1.273	1.284	1.350	1.400	1.325	3.9
Chrysene		1.298	1.208	1.245	1.172	1.250	1.224	3.7
Benzo(b)fluoranthene		1.256	1.094	1.112	1.162	1.230	1.178	5.7
Benzo(k)fluoranthene		1.236	1.178	1.245	1.076	1.189	1.143	7.9
Benzo(a)pyrene		1.164	1.085	1.122	1.104	1.184	1.120	3.7
Indeno(1,2,3-cd)pyrene		1.438	1.406	1.458	1.498	1.602	1.482	4.3
Dibenzo(a,h)anthracene		1.134	1.176	1.214	1.236	1.318	1.210	4.9
Benzo(g,h,i)perylene		1.201	1.164	1.178	1.216	1.295	1.203	3.8

All other compounds must meet a minimum RRF of 0.010.