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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LIRO01

Lab Code: ACE SDG No.: Q3468

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
Acenaphthylene		1.667	1.726	1.647	1.786	1.827	1.693	5.3
Acenaphthene		1.126	1.178	1.115	1.223	1.261	1.157	5.6
Fluorene		1.471	1.559	1.426	1.531	1.549	1.460	6.4
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
Phenanthrene		1.084	1.133	1.073	1.162	1.179	1.094	6.2
Anthracene		1.087	1.144	1.101	1.187	1.204	1.113	6.2
Fluoranthene		1.385	1.463	1.380	1.440	1.403	1.370	5.9
Pyrene		1.287	1.331	1.284	1.411	1.406	1.307	6.2
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2
Benzo(a)anthracene		1.294	1.355	1.292	1.416	1.430	1.326	5.7
Chrysene		1.249	1.291	1.229	1.344	1.359	1.262	5.8
Benzo(b)fluoranthene		1.138	1.246	1.169	1.322	1.353	1.226	6.8
Benzo(k)fluoranthene		1.175	1.260	1.206	1.285	1.364	1.227	6.5
Benzo(a)pyrene		1.061	1.144	1.093	1.202	1.246	1.127	6.4
Indeno(1,2,3-cd)pyrene		1.383	1.491	1.410	1.568	1.642	1.471	6.8
Dibenzo(a,h)anthracene		1.120	1.223	1.158	1.268	1.324	1.195	6.5
Benzo(g,h,i)perylene		1.080	1.162	1.089	1.213	1.280	1.142	6.9

All other compounds must meet a minimum RRF of 0.010.