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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_P Calibration Date(s): 10/29/2025 10/29/2025

Calibration Time(s): 09:26 14:13

LAB FILE ID: RRF2.5 = BP026028.D RRF005 = BP026029.D RRF010 = BP026030.D
RRF020 = BP026031.D RRF040 = BP026032.D RRF050 = BP026033.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.212	7.4
Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.543	6.8
Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.321	10.3
Naphthalene		1.039	1.181	1.121	1.115	0.978	1.091	6.3
2-Fluorobiphenyl		1.350	1.549	1.454	1.421	1.231	1.392	7.5
Acenaphthylene		1.547	1.845	1.832	1.832	1.618	1.756	7.2
Acenaphthene		1.101	1.285	1.247	1.249	1.089	1.206	6.8
Fluorene		1.347	1.621	1.501	1.450	1.260	1.427	8.8
2,4,6-Tribromophenol		0.155	0.211	0.218	0.236	0.209	0.216	14.2
Phenanthrene		1.133	1.288	1.209	1.189	1.031	1.164	7.1
Anthracene		1.064	1.262	1.195	1.177	1.044	1.154	7.1
Fluoranthene		1.259	1.469	1.426	1.411	1.224	1.358	7.1
Pyrene		1.201	1.488	1.395	1.427	1.217	1.353	8.2
Terphenyl-d14		0.953	1.125	1.013	1.014	0.860	0.984	8.8
Benzo(a)anthracene		1.279	1.497	1.407	1.420	1.224	1.374	7.0
Chrysene		1.210	1.424	1.348	1.345	1.169	1.302	6.9
Benzo(b)fluoranthene		1.074	1.277	1.278	1.306	1.149	1.242	7.7
Benzo(k)fluoranthene		1.119	1.365	1.306	1.331	1.141	1.268	7.9
Benzo(a)pyrene		0.941	1.169	1.171	1.210	1.054	1.141	9.4
Indeno(1,2,3-cd)pyrene		1.190	1.486	1.539	1.564	1.371	1.476	10.1
Dibenzo(a,h)anthracene		0.978	1.219	1.249	1.274	1.117	1.202	9.7
Benzo(g,h,i)perylene		0.966	1.167	1.219	1.212	1.068	1.156	8.9

All other compounds must meet a minimum RRF of 0.010.