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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TULL02

Lab Code: ACE SDG No.: Q3790

Instrument ID: BNA_P Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID: RRF2.5 = BP026143.D RRF005 = BP026144.D RRF010 = BP026145.D
RRF020 = BP026146.D RRF040 = BP026147.D RRF050 = BP026148.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.246	2.1
Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.586	3.6
Nitrobenzene-d5		0.335	0.357	0.362	0.355	0.351	0.352	2.4
Naphthalene		1.080	1.114	1.115	1.073	1.073	1.081	2.3
2-Fluorobiphenyl		1.430	1.442	1.453	1.337	1.317	1.365	5.7
Acenaphthylene		1.890	1.987	2.051	1.947	1.943	1.953	2.7
Acenaphthene		1.139	1.182	1.180	1.138	1.141	1.145	2.9
Fluorene		1.447	1.490	1.500	1.380	1.374	1.401	5.9
2,4,6-Tribromophenol		0.241	0.253	0.273	0.264	0.262	0.259	3.9
Phenanthrene		1.128	1.179	1.179	1.122	1.102	1.127	3.4
Anthracene		1.122	1.194	1.198	1.171	1.122	1.149	3.3
Fluoranthene		1.383	1.464	1.452	1.369	1.308	1.369	5.1
Pyrene		1.266	1.318	1.375	1.331	1.309	1.311	2.7
Terphenyl-d14		1.024	1.037	1.061	0.990	0.971	0.981	7.1
Benzo(a)anthracene		1.373	1.401	1.437	1.376	1.349	1.374	2.6
Chrysene		1.298	1.336	1.341	1.284	1.266	1.295	2.5
Benzo(b)fluoranthene		1.190	1.226	1.271	1.237	1.222	1.218	2.6
Benzo(k)fluoranthene		1.206	1.228	1.275	1.213	1.213	1.217	2.4
Benzo(a)pyrene		1.121	1.153	1.198	1.168	1.147	1.154	2.1
Indeno(1,2,3-cd)pyrene		1.442	1.484	1.538	1.511	1.483	1.500	2.2
Dibenzo(a,h)anthracene		1.177	1.220	1.274	1.237	1.209	1.228	2.5
Benzo(g,h,i)perylene		1.175	1.230	1.253	1.223	1.185	1.220	2.4

All other compounds must meet a minimum RRF of 0.010.