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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG No.: Q1698

Instrument ID: BNA_M Calibration Date(s): 03/13/2025 03/13/2025

Calibration Time(s): 09:02 13:37

LAB FILE ID: RRF2.5 = BM049706.D RRF005 = BM049707.D RRF010 = BM049708.D
RRF020 = BM049709.D RRF040 = BM049710.D RRF050 = BM049711.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.027	1.092	1.201	1.176	1.239	1.185	8.1
Phenol-d6		1.325	1.383	1.498	1.470	1.553	1.488	6.9
Nitrobenzene-d5		0.343	0.361	0.392	0.385	0.403	0.390	7.6
Naphthalene		0.947	0.952	1.029	0.998	1.059	1.028	6.5
2-Fluorobiphenyl		1.388	1.419	1.563	1.587	1.696	1.597	9.6
Acenaphthylene		1.455	1.502	1.656	1.671	1.755	1.677	9.4
Acenaphthene		0.979	0.985	1.072	1.101	1.145	1.100	8.7
Fluorene		1.255	1.297	1.454	1.498	1.564	1.492	11.7
2,4,6-Tribromophenol		0.173	0.193	0.226	0.250	0.270	0.234	19.2
Phenanthrene		0.968	1.001	1.085	1.093	1.158	1.111	9.5
Anthracene		0.892	0.933	1.055	1.066	1.144	1.076	12.1
Fluoranthene		0.974	1.060	1.203	1.300	1.353	1.279	17.0
Pyrene		1.240	1.253	1.390	1.328	1.468	1.397	9.4
Terphenyl-d14		0.978	1.021	1.204	1.207	1.352	1.187	12.6
Benzo(a)anthracene		1.149	1.186	1.318	1.307	1.414	1.336	10.2
Chrysene		1.072	1.134	1.259	1.242	1.333	1.266	10.4
Benzo(b)fluoranthene		1.088	1.138	1.297	1.330	1.433	1.347	14.5
Benzo(k)fluoranthene		1.086	1.148	1.294	1.291	1.408	1.326	13.2
Benzo(a)pyrene		0.899	0.948	1.085	1.120	1.210	1.131	15.3
Indeno(1,2,3-cd)pyrene		1.135	1.213	1.382	1.431	1.567	1.440	15.0
Dibenzo(a,h)anthracene		0.940	1.023	1.151	1.188	1.299	1.199	14.9
Benzo(g,h,i)perylene		0.990	1.043	1.173	1.203	1.296	1.208	12.8

All other compounds must meet a minimum RRF of 0.010.