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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Instrument ID: BNA_N Calibration Date(s): 03/10/2025 03/10/2025

Calibration Time(s): 11:42 15:19

LAB FILE ID: RRF0.1 = BN036557.D RRF0.2 = BN036558.D RRF0.4 = BN036559.D
RRF0.8 = BN036560.D RRF1.6 = BN036561.D RRF3.2 = BN036562.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.656	0.549	0.606	0.562	0.577	0.633	0.595	6.5
Fluoranthene-d10	1.037	0.955	1.116	0.956	1.025	1.087	1.025	6.0
2-Fluorophenol	0.931	0.908	0.987	0.878	0.914	0.996	0.932	4.7
Phenol-d6	1.243	1.057	1.128	1.067	1.133	1.254	1.152	6.8
Nitrobenzene-d5	0.572	0.396	0.415	0.401	0.402	0.450	0.435	14.5
Naphthalene	1.371	1.125	1.206	1.111	1.108	1.222	1.177	8.5
2-Fluorobiphenyl	2.208	1.982	2.398	2.350	2.364	2.566	2.327	8.0
Acenaphthylene	1.882	1.756	1.938	1.794	1.834	2.074	1.888	5.7
Acenaphthene	1.257	1.159	1.281	1.171	1.199	1.339	1.236	5.2
Fluorene	1.629	1.600	1.764	1.609	1.670	1.778	1.672	4.3
2,4,6-Tribromophenol	0.181	0.160	0.187	0.169	0.188	0.197	0.182	7.0
Phenanthrene	1.190	1.111	1.297	1.141	1.165	1.300	1.200	6.1
Anthracene	1.026	0.971	1.147	1.033	1.075	1.215	1.083	7.6
Fluoranthene	1.341	1.243	1.452	1.272	1.364	1.447	1.348	5.9
Pyrene	1.945	2.005	2.131	1.910	1.870	1.992	1.956	5.0
Terphenyl-d14	0.962	0.965	1.028	0.924	0.915	0.987	0.958	4.2
Benzo(a)anthracene	1.389	1.315	1.437	1.304	1.347	1.528	1.391	5.6
Chrysene	1.486	1.509	1.610	1.507	1.462	1.616	1.520	4.4
Benzo(b)fluoranthene	1.311	1.360	1.547	1.402	1.477	1.595	1.456	7.0
Benzo(k)fluoranthene	1.504	1.397	1.620	1.481	1.521	1.635	1.527	5.3
Benzo(a)pyrene	1.090	1.152	1.303	1.195	1.223	1.350	1.226	7.3
Indeno(1,2,3-cd)pyrene	1.160	1.316	1.546	1.404	1.417	1.693	1.444	12.3
Dibenzo(a,h)anthracene	0.893	0.981	1.163	1.126	1.102	1.351	1.124	13.8
Benzo(g,h,i)perylene	1.138	1.213	1.382	1.250	1.233	1.449	1.286	8.4

All other compounds must meet a minimum RRF of 0.010.