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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: P4595 SAS No.: P4595 SDG No.: P4595

Instrument ID: BNA_E Calibration Date(s): 10/28/2024 10/28/2024

Calibration Time(s): 11:44 16:01

LAB FILE ID: RRF2.5 = BE101389.D RRF005 = BE101390.D RRF010 = BE101391.D
RRF020 = BE101392.D RRF040 = BE101393.D RRF050 = BE101394.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.134	1.073	1.142	1.153	1.143	1.141	3.0
Phenol-d6		1.450	1.475	1.558	1.629	1.594	1.582	6.1
Nitrobenzene-d5		0.292	0.306	0.325	0.336	0.323	0.318	4.8
Naphthalene		1.092	1.040	1.039	1.045	0.982	1.019	5.0
2-Fluorobiphenyl		1.359	1.275	1.283	1.226	1.114	1.181	12.4
Acenaphthylene		1.613	1.605	1.656	1.677	1.586	1.601	4.1
Acenaphthene		1.120	1.080	1.073	1.075	1.016	1.045	5.8
Fluorene		1.490	1.450	1.446	1.453	1.354	1.394	6.7
2,4,6-Tribromophenol		0.329	0.341	0.358	0.366	0.355	0.351	3.6
Phenanthrene		1.068	1.023	1.012	0.991	0.912	0.958	9.6
Anthracene		1.002	0.972	0.997	0.979	0.909	0.935	8.1
Fluoranthene		1.320	1.268	1.306	1.199	1.102	1.163	13.3
Pyrene		1.176	1.206	1.184	1.174	1.052	1.100	10.7
Terphenyl-d14		1.036	1.023	0.970	0.841	0.686	0.869	19.3
Benzo(a)anthracene		1.277	1.238	1.243	1.174	1.047	1.124	13.2
Chrysene		1.266	1.225	1.201	1.110	1.005	1.087	14.5
Benzo(b)fluoranthene		1.076	1.113	1.100	1.110	1.023	1.042	8.3
Benzo(k)fluoranthene		1.126	1.042	1.087	1.015	0.897	0.974	13.1
Benzo(a)pyrene		0.935	0.933	0.961	0.966	0.899	0.912	6.4
Indeno(1,2,3-cd)pyrene		1.390	1.352	1.390	1.394	1.315	1.338	4.8
Dibenzo(a,h)anthracene		1.130	1.125	1.169	1.170	1.089	1.106	6.0
Benzo(g,h,i)perylene		1.162	1.130	1.155	1.179	1.125	1.140	3.0

All other compounds must meet a minimum RRF of 0.010.