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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: NOBI03
Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG No.: Q1382
Instrument ID: BNA_F Calibration Date(s): 02/06/2025 02/06/2025
Calibration Time(s): 11:07 14:14

LAB FILE ID:		RRF2.5 = BF141472.D			RRF005 = BF141473.D		RRF010 = BF141474.D	
		RRF020 = BF141475.D			RRF040 = BF141476.D		RRF050 = BF141477.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.276	3.8
Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.612	3.1
Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.383	1.6
Naphthalene		1.067	1.041	1.096	1.037	1.012	1.041	3.0
2-Methylnaphthalene		0.688	0.689	0.719	0.669	0.659	0.677	3.4
2-Fluorobiphenyl		1.373	1.360	1.385	1.269	1.241	1.298	5.6
Acenaphthylene		1.739	1.736	1.791	1.696	1.660	1.705	3.2
Acenaphthene		1.186	1.164	1.188	1.152	1.108	1.147	3.1
Fluorene		1.359	1.361	1.377	1.290	1.239	1.301	4.9
2,4,6-Tribromophenol		0.201	0.200	0.210	0.200	0.199	0.201	2.1
Phenanthrene		1.141	1.132	1.161	1.084	1.071	1.101	3.9
Anthracene		1.168	1.126	1.158	1.082	1.084	1.107	4.0
Fluoranthene		1.251	1.239	1.243	1.151	1.129	1.167	6.6
Pyrene		1.528	1.557	1.717	1.745	1.774	1.703	6.7
Terphenyl-d14		1.129	1.104	1.211	1.198	1.209	1.185	4.1
Benzo (a) anthracene		1.381	1.332	1.350	1.345	1.309	1.329	2.5
Chrysene		1.187	1.223	1.314	1.201	1.215	1.228	3.3
Benzo (b) fluoranthene		1.286	1.407	1.398	1.336	1.350	1.343	3.9
Benzo (k) fluoranthene		1.113	1.216	1.247	1.142	1.074	1.147	5.5
Benzo (a) pyrene		1.085	1.074	1.115	1.080	1.069	1.087	1.4
Indeno (1,2,3-cd) pyrene		0.987	1.029	1.186	1.288	1.341	1.236	14.1
Dibenzo (a,h) anthracene		0.796	0.828	0.970	1.051	1.092	1.001	14.1
Benzo (g,h,i) perylene		0.805	0.864	1.001	1.100	1.144	1.048	15.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1