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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
Instrument ID: BNA_N Calibration Date(s): 11/13/2024 11/13/2024
Calibration Time(s): 12:40 16:15

LAB FILE ID:		RRF0.1 = BN035062.D		RRF0.2 = BN035063.D		RRF0.4 = BN035064.D		
		RRF0.8 = BN035065.D		RRF1.6 = BN035066.D		RRF3.2 = BN035067.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.694	0.683	0.664	0.762	0.753	0.703	0.713	5.1
Fluoranthene-d10	1.196	1.178	1.169	1.288	1.284	1.222	1.225	3.9
2-Fluorophenol	1.073	1.039	0.949	1.086	1.034	0.966	1.015	5.5
Phenol-d6	1.264	1.279	1.159	1.355	1.318	1.255	1.273	4.8
Nitrobenzene-d5	0.358	0.338	0.320	0.368	0.356	0.344	0.348	4.5
Naphthalene	1.088	1.009	0.977	1.116	1.085	1.010	1.044	5.0
2-Methylnaphthalene	0.742	0.748	0.711	0.823	0.815	0.765	0.770	5.3
2-Fluorobiphenyl	1.701	1.576	1.460	1.735	1.687	1.599	1.624	5.7
Acenaphthylene	1.715	1.616	1.488	1.822	1.775	1.756	1.709	6.9
Acenaphthene	1.129	1.079	1.000	1.202	1.157	1.130	1.120	5.8
Fluorene	1.704	1.591	1.463	1.755	1.708	1.656	1.648	5.9
2,4,6-Tribromophenol	0.281	0.262	0.240	0.300	0.299	0.308	0.289	10.6
Phenanthrene	1.069	1.013	1.004	1.115	1.096	1.034	1.053	4.0
Anthracene	0.917	0.904	0.920	1.024	1.016	0.986	0.967	5.3
Fluoranthene	1.396	1.376	1.386	1.543	1.527	1.453	1.448	4.6
Pyrene	1.339	1.290	1.288	1.424	1.367	1.301	1.332	3.7
Terphenyl-d14	0.838	0.819	0.810	0.894	0.867	0.817	0.839	3.6
Benzo (a) anthracene	1.421	1.368	1.328	1.464	1.416	1.355	1.393	3.3
Chrysene	1.409	1.366	1.332	1.479	1.420	1.331	1.380	4.3
Benzo (b) fluoranthene	1.326	1.272	1.279	1.439	1.418	1.327	1.346	4.8
Benzo (k) fluoranthene	1.342	1.288	1.287	1.418	1.410	1.323	1.347	3.9
Benzo (a) pyrene	1.172	1.134	1.123	1.247	1.240	1.167	1.184	4.1
Indeno (1,2,3-cd) pyrene	1.609	1.515	1.522	1.730	1.659	1.550	1.596	4.9
Dibenzo (a,h) anthracene	1.248	1.195	1.210	1.375	1.322	1.235	1.264	5.1
Benzo (g,h,i) perylene	1.380	1.288	1.286	1.452	1.386	1.294	1.345	4.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1