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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3440 SAS No.: P3440 SDG No.: P3440
Instrument ID: BNA_N Calibration Date(s): 07/10/2024 07/10/2024
Calibration Time(s): 15:54 19:32

LAB FILE ID:		RRF0.1 = BN032616.D			RRF0.2 = BN032617.D		RRF0.4 = BN032618.D	
		RRF0.8 = BN032619.D			RRF1.6 = BN032620.D		RRF3.2 = BN032621.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.594	0.576	0.597	0.657	0.650	0.596	0.612	5.0
Fluoranthene-d10	1.009	0.987	0.986	1.101	1.097	1.018	1.035	4.7
2-Fluorophenol	1.089	0.979	1.038	1.043	1.009	0.974	1.012	4.8
Phenol-d6	1.214	1.102	1.258	1.297	1.331	1.282	1.256	6.2
Nitrobenzene-d5	0.268	0.271	0.291	0.331	0.328	0.310	0.301	8.5
Naphthalene	1.116	1.074	1.103	1.173	1.147	1.071	1.108	3.7
2-Methylnaphthalene	0.677	0.665	0.697	0.784	0.785	0.720	0.724	6.6
2-Fluorobiphenyl	1.471	1.388	1.485	1.608	1.547	1.475	1.489	4.7
Acenaphthylene	1.493	1.457	1.495	1.715	1.765	1.718	1.627	8.5
Acenaphthene	1.117	1.088	1.142	1.251	1.212	1.134	1.153	5.0
Fluorene	1.504	1.473	1.523	1.674	1.635	1.470	1.541	5.2
2,4,6-Tribromophenol	0.168	0.150	0.153	0.174	0.183	0.173	0.171	9.4
Phenanthrene	1.036	0.986	1.058	1.197	1.172	1.108	1.093	6.8
Anthracene	0.760	0.742	0.789	0.963	1.024	1.001	0.900	14.4
Fluoranthene	1.263	1.235	1.250	1.418	1.430	1.316	1.323	6.0
Pyrene	1.719	1.569	1.692	1.772	1.676	1.506	1.634	6.6
Terphenyl-d14	0.861	0.794	0.846	0.886	0.841	0.744	0.820	6.4
Benzo (a) anthracene	1.224	1.077	1.198	1.352	1.336	1.313	1.265	8.2
Chrysene	1.490	1.507	1.549	1.597	1.576	1.397	1.504	5.2
Benzo (b) fluoranthene	1.190	1.195	1.313	1.544	1.566	1.434	1.393	11.5
Benzo (k) fluoranthene	1.502	1.528	1.587	1.770	1.684	1.561	1.592	6.3
Benzo (a) pyrene	1.200	1.142	1.203	1.362	1.344	1.272	1.256	6.4
Indeno (1,2,3-cd) pyrene	1.547	1.410	1.534	1.674	1.629	1.704	1.577	6.4
Dibenzo (a,h) anthracene	1.180	1.116	1.215	1.323	1.294	1.362	1.245	6.9
Benzo (g,h,i) perylene	1.374	1.288	1.378	1.459	1.394	1.470	1.379	5.2
1,4-Dioxane	0.613	0.525	0.495	0.515	0.476	0.434	0.496	13.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1