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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3596 SAS No.: P3596 SDG No.: P3596
Instrument ID: BNA_N Calibration Date(s): 08/10/2024 08/10/2024
Calibration Time(s): 13:40 17:17

LAB FILE ID:		RRF0.1 = BN033334.D		RRF0.2 = BN033335.D		RRF0.4 = BN033336.D		
		RRF0.8 = BN033337.D		RRF1.6 = BN033338.D		RRF3.2 = BN033339.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.614	0.587	0.592	0.649	0.641	0.603	0.616	3.8
Fluoranthene-d10	1.035	1.021	1.015	1.097	1.118	1.079	1.069	4.2
2-Fluorophenol	1.200	1.136	1.125	1.133	1.102	1.016	1.105	6.0
Phenol-d6	1.592	1.460	1.513	1.524	1.510	1.403	1.492	4.1
Nitrobenzene-d5	0.309	0.297	0.294	0.310	0.310	0.290	0.302	2.7
Naphthalene	1.102	1.082	1.072	1.166	1.144	1.072	1.103	3.4
2-Methylnaphthalene	0.736	0.706	0.715	0.784	0.783	0.735	0.745	4.1
2-Fluorobiphenyl	1.637	1.596	1.632	1.729	1.700	1.583	1.640	3.4
Acenaphthylene	1.797	1.711	1.739	1.961	1.982	1.919	1.867	6.2
Acenaphthene	1.250	1.224	1.218	1.345	1.347	1.283	1.281	4.2
Fluorene	1.648	1.559	1.615	1.779	1.807	1.689	1.689	5.3
2,4,6-Tribromophenol	0.214	0.197	0.191	0.207	0.208	0.203	0.205	4.3
Phenanthrene	1.132	1.095	1.110	1.195	1.221	1.154	1.155	4.0
Anthracene	0.952	0.938	0.958	1.055	1.092	1.064	1.023	6.9
Fluoranthene	1.329	1.330	1.341	1.487	1.510	1.466	1.422	5.9
Pyrene	1.607	1.534	1.572	1.663	1.680	1.544	1.592	3.7
Terphenyl-d14	0.774	0.729	0.756	0.785	0.784	0.727	0.756	3.4
Benzo (a) anthracene	1.513	1.417	1.387	1.549	1.568	1.499	1.494	4.5
Chrysene	1.504	1.475	1.497	1.573	1.556	1.462	1.504	3.0
Benzo (b) fluoranthene	1.395	1.396	1.420	1.591	1.609	1.533	1.505	6.5
Benzo (k) fluoranthene	1.404	1.380	1.487	1.637	1.668	1.577	1.537	7.4
Benzo (a) pyrene	1.198	1.156	1.155	1.318	1.363	1.316	1.268	7.5
Indeno (1,2,3-cd) pyrene	1.470	1.620	1.499	1.709	1.777	1.707	1.653	7.7
Dibenzo (a,h) anthracene	1.127	1.265	1.179	1.366	1.413	1.363	1.305	8.9
Benzo (g,h,i) perylene	1.303	1.486	1.329	1.500	1.533	1.459	1.448	6.4
1,4-Dioxane	0.514	0.479	0.426	0.451	0.425	0.416	0.444	9.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1