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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3451 SAS No.: P3451 SDG No.: P3451
Instrument ID: BNA_N Calibration Date(s): 08/05/2024 08/05/2024
Calibration Time(s): 18:39 22:21

LAB FILE ID:		RRF0.1 = BN033241.D			RRF0.2 = BN033242.D		RRF0.4 = BN033243.D	
		RRF0.8 = BN033244.D			RRF1.6 = BN033245.D		RRF3.2 = BN033246.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.538	0.554	0.581	0.632	0.640	0.597	0.593	6.4
Fluoranthene-d10	1.129	1.104	1.060	1.185	1.162	1.097	1.119	3.8
2-Fluorophenol		0.916	1.099	1.085	1.040	0.865	0.991	9.8
Phenol-d6		1.084	1.420	1.441	1.449	1.355	1.361	10.3
Nitrobenzene-d5	0.264	0.311	0.273	0.363	0.365	0.339	0.322	12.6
Naphthalene	1.030	1.091	1.050	1.179	1.144	1.057	1.087	5.1
2-Methylnaphthalene	0.530	0.582	0.555	0.703	0.740	0.700	0.648	13.7
2-Fluorobiphenyl	1.262	1.228	1.294	1.521	1.489	1.369	1.368	8.3
Acenaphthylene	1.442	1.394	1.473	1.705	1.741	1.675	1.596	9.6
Acenaphthene	1.101	1.052	1.121	1.247	1.221	1.137	1.152	6.0
Fluorene	1.477	1.442	1.470	1.692	1.668	1.557	1.559	6.4
2,4,6-Tribromophenol	0.166	0.124	0.132	0.152	0.154	0.149	0.149	10.7
Phenanthrene	1.106	1.004	0.972	1.159	1.148	1.072	1.076	6.5
Anthracene	0.775	0.764	0.809	0.984	1.020	0.970	0.902	12.5
Fluoranthene	1.581	1.463	1.382	1.541	1.514	1.430	1.476	4.9
Pyrene	1.556	1.462	1.249	1.523	1.450	1.206	1.398	9.7
Terphenyl-d14	0.706	0.719	0.625	0.762	0.729	0.616	0.691	7.8
Benzo (a) anthracene	1.050	1.043	1.059	1.311	1.240	1.121	1.152	9.5
Chrysene	1.716	1.695	1.423	1.640	1.552	1.352	1.547	9.2
Benzo (b) fluoranthene	1.072	1.071	1.065	1.329	1.387	1.268	1.213	11.5
Benzo (k) fluoranthene	1.542	1.486	1.354	1.671	1.643	1.471	1.518	7.3
Benzo (a) pyrene	1.184	1.153	1.080	1.308	1.317	1.236	1.218	7.0
Indeno (1,2,3-cd) pyrene	1.688	1.705	1.649	1.937	1.932	1.883	1.808	6.8
Dibenzo (a,h) anthracene	1.313	1.334	1.304	1.523	1.529	1.505	1.428	7.3
Benzo (g,h,i) perylene	1.577	1.580	1.536	1.760	1.724	1.654	1.636	5.0
1,4-Dioxane		0.805	0.609	0.609	0.552	0.466	0.583	21.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1