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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG No.: P3845
Instrument ID: BNA_M Calibration Date(s): 09/14/2024 09/14/2024
Calibration Time(s): 11:57 16:34

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.216	1.208	1.228	1.244	1.245	1.256	4.0
Phenol-d6		1.632	1.623	1.717	1.795	1.809	1.769	6.6
Phenol		1.676	1.679	1.747	1.781	1.786	1.771	4.4
2-Chlorophenol		1.338	1.321	1.380	1.395	1.375	1.385	3.4
2-Methylphenol		1.041	1.073	1.128	1.161	1.154	1.132	4.9
3+4-Methylphenols		1.441	1.493	1.591	1.613	1.602	1.579	5.2
Nitrobenzene-d5		0.387	0.384	0.400	0.406	0.400	0.400	2.8
2-Nitrophenol		0.105	0.116	0.134	0.147	0.152	0.140	16.2
2,4-Dimethylphenol		0.208	0.202	0.211	0.210	0.213	0.212	3.2
2,4-Dichlorophenol		0.236	0.243	0.266	0.275	0.280	0.269	8.5
Benzoic acid			0.125	0.156	0.192	0.207	0.187	20.9
4-Chloro-3-methylphenol		0.269	0.284	0.305	0.318	0.319	0.309	8.0
2,4,6-Trichlorophenol		0.279	0.301	0.325	0.350	0.358	0.339	11.5
2-Fluorobiphenyl		1.331	1.295	1.385	1.515	1.523	1.452	8.0
2,4,5-Trichlorophenol		0.324	0.345	0.367	0.395	0.403	0.383	10.2
2,4-Dinitrophenol			0.079	0.103	0.128	0.135	0.125	23.8
4-Nitrophenol		0.195	0.231	0.263	0.282	0.284	0.263	14.2
4,6-Dinitro-2-methylphenol			0.061	0.077	0.091	0.097	0.091	20.9
2,4,6-Tribromophenol		0.149	0.159	0.177	0.202	0.211	0.193	16.7
Pentachlorophenol		0.090	0.101	0.121	0.136	0.140	0.128	19.6
Terphenyl-d14		0.989	1.037	1.142	1.256	1.239	1.116	13.2
2,3,4,6-Tetrachlorophenol		0.259	0.271	0.284	0.306	0.313	0.299	9.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1