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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_F Calibration Date(s): 09/13/2024 09/13/2024
Calibration Time(s): 14:32 19:44

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
Phenol		1.697	1.708	1.709	1.609	1.524	1.639	4.6
2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.262	3.1
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.171	7.3
2,4-Dimethylphenol		0.216	0.219	0.231	0.235	0.219	0.225	3.8
2,4-Dichlorophenol		0.289	0.283	0.285	0.295	0.272	0.286	2.8
Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.211	12.5
4-Chloro-3-methylphenol		0.315	0.317	0.336	0.341	0.315	0.327	3.3
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
2,4-Dinitrophenol			0.107	0.149	0.178	0.174	0.162	18.2
4-Nitrophenol		0.225	0.228	0.243	0.264	0.244	0.240	5.3
4,6-Dinitro-2-methylphenol		0.075	0.092	0.105	0.117	0.113	0.106	15.9
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7
2,3,4,6-Tetrachlorophenol		0.317	0.327	0.364	0.359	0.325	0.336	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1