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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025

Calibration Time(s): 16:17 21:02

LAB FILE ID: RRF2.5 = BP024160.D RRF005 = BP024161.D RRF010 = BP024162.D
RRF020 = BP024163.D RRF040 = BP024164.D RRF050 = BP024165.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.253	5.1
Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.675	5.9
Phenol		1.579	1.632	1.754	1.628	1.744	1.691	4.5
2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.353	4.5
2-Methylphenol		0.932	0.997	1.120	1.038	1.116	1.061	7.0
3+4-Methylphenols		1.265	1.360	1.530	1.433	1.547	1.457	7.5
Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.354	4.3
2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.167	14.9
2,4-Dimethylphenol		0.186	0.198	0.220	0.215	0.223	0.215	7.9
2,4-Dichlorophenol		0.237	0.263	0.298	0.296	0.306	0.291	10.2
Benzoic acid			0.148	0.190	0.218	0.239	0.209	19.8
4-Chloro-3-methylphenol		0.261	0.283	0.324	0.314	0.333	0.313	9.8
2,4,6-Trichlorophenol		0.291	0.324	0.379	0.372	0.391	0.367	12.0
2-Fluorobiphenyl		1.364	1.358	1.420	1.319	1.335	1.356	2.4
2,4,5-Trichlorophenol		0.331	0.362	0.414	0.409	0.422	0.403	10.2
2,4-Dinitrophenol			0.108	0.146	0.160	0.179	0.156	20.0
4-Nitrophenol		0.187	0.218	0.271	0.277	0.299	0.266	17.4
4,6-Dinitro-2-methylphenol			0.085	0.111	0.120	0.127	0.119	15.9
2,4,6-Tribromophenol		0.203	0.222	0.256	0.252	0.270	0.252	11.7
Pentachlorophenol		0.121	0.140	0.166	0.177	0.184	0.168	16.6
Terphenyl-d14		0.967	0.973	1.033	0.948	0.966	0.969	3.4
2,3,4,6-Tetrachlorophenol		0.316	0.323	0.365	0.356	0.371	0.356	7.5

All other compounds must meet a minimum RRF of 0.010.