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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PSEG03

Lab Code: CHEM Case No.: P2687 SAS No.: P2687 SDG No.: P2687

Instrument ID: BNA_P Calibration Date(s): 05/29/2024 05/29/2024

Calibration Time(s): 09:59 15:04

LAB FILE ID: RRF2.5 = BP020469.D RRF005 = BP020470.D RRF010 = BP020471.D
RRF020 = BP020472.D RRF040 = BP020473.D RRF050 = BP020474.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.188	1.265	1.330	1.291	1.266	1.269	3.6
2-Fluorophenol		1.090	1.121	1.167	1.131	1.104	1.117	2.7
Phenol-d6		1.561	1.575	1.656	1.600	1.551	1.575	3.2
1,4-Dichlorobenzene		1.568	1.534	1.578	1.504	1.433	1.499	4.4
2-Methylphenol		1.061	1.091	1.171	1.122	1.073	1.095	4.0
3+4-Methylphenols		1.398	1.442	1.589	1.535	1.476	1.489	4.5
Nitrobenzene-d5		0.355	0.363	0.379	0.371	0.362	0.365	2.6
Hexachloroethane		0.563	0.553	0.575	0.552	0.534	0.548	3.5
Nitrobenzene		0.375	0.368	0.390	0.372	0.363	0.371	2.9
Hexachlorobutadiene		0.218	0.220	0.218	0.213	0.209	0.215	1.9
2,4,6-Trichlorophenol		0.283	0.311	0.365	0.364	0.366	0.350	10.9
2-Fluorobiphenyl		1.455	1.393	1.455	1.312	1.270	1.342	7.3
2,4,5-Trichlorophenol		0.351	0.375	0.418	0.420	0.411	0.404	7.4
2,4-Dinitrotoluene		0.296	0.351	0.416	0.416	0.425	0.396	13.3
2,4,6-Tribromophenol		0.177	0.195	0.214	0.220	0.227	0.208	8.8
Hexachlorobenzene		0.241	0.238	0.243	0.236	0.234	0.241	2.4
Pentachlorophenol			0.120	0.136	0.146	0.150	0.146	11.3
Terphenyl-d14		1.238	1.205	1.218	1.277	1.170	1.201	5.0

All other compounds must meet a minimum RRF of 0.010.