

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: RUTW01
Lab Code: CHEM Case No.: Q1232 SAS No.: Q1232 SDG No.: Q1232
Instrument ID: BNA_F Calibration Date(s): 01/29/2025 01/29/2025
Calibration Time(s): 10:30 17:05

LAB FILE ID:		RRF2.5 = BF141290.D			RRF005 = BF141291.D		RRF010 = BF141292.D	
		RRF020 = BF141293.D			RRF040 = BF141294.D		RRF050 = BF141295.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.364	1.410	1.450	1.320	1.394	1.380	3.5
2-Fluorophenol		1.428	1.391	1.402	1.201	1.267	1.303	8.0
Phenol-d6		1.841	1.800	1.743	1.520	1.611	1.657	8.5
1,4-Dichlorobenzene		1.719	1.663	1.659	1.432	1.502	1.547	8.7
2-Methylphenol		1.237	1.175	1.210	1.042	1.107	1.135	6.6
3+4-Methylphenols		1.561	1.564	1.502	1.287	1.331	1.393	10.6
Nitrobenzene-d5		0.405	0.396	0.406	0.354	0.373	0.379	6.1
Hexachloroethane		0.609	0.612	0.610	0.530	0.560	0.571	7.1
Nitrobenzene		0.418	0.411	0.420	0.371	0.385	0.393	6.1
Hexachlorobutadiene		0.209	0.207	0.209	0.179	0.190	0.194	7.5
2,4,6-Trichlorophenol		0.381	0.380	0.390	0.364	0.375	0.372	3.8
2-Fluorobiphenyl		1.597	1.464	1.398	1.184	1.202	1.299	14.5
2,4,5-Trichlorophenol		0.429	0.425	0.429	0.377	0.391	0.405	5.5
2,4-Dinitrotoluene		0.424	0.431	0.443	0.386	0.392	0.406	7.0
2,4,6-Tribromophenol		0.198	0.198	0.198	0.173	0.175	0.183	8.0
Hexachlorobenzene		0.257	0.250	0.248	0.229	0.229	0.238	6.1
Pentachlorophenol		0.112	0.136	0.146	0.143	0.146	0.139	9.1
Terphenyl-d14		1.543	1.411	1.370	1.183	1.238	1.297	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1