

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SPEC01
 Lab Code: CHEM Case No.: Q1322 SAS No.: Q1322 SDG No.: Q1322
 Instrument ID: MSVOA_X Calibration Date(s): 01/16/2025 01/16/2025
 Heated Purge: (Y/N) N Calibration Time(s): 08:39 10:12
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VX044659.D		RRF020 = VX044660.D		RRF050 = VX044661.D		
		RRF100 = VX044662.D		RRF150 = VX044663.D		RRF =		
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	RRF	% RSD
Methylene Chloride	2.516	2.531	2.426	2.551	2.375		2.480	3.1
trans-1,2-Dichloroethene	2.273	2.202	2.143	2.306	2.094		2.203	4
Chloroform	4.285	4.354	4.180	4.469	4.089		4.275	3.5
1,1,1-Trichloroethane	0.729	0.702	0.665	0.708	0.654		0.692	4.5
Trichloroethene	0.394	0.405	0.394	0.424	0.393		0.402	3.3
Toluene	2.097	1.972	1.935	2.023	1.850		1.975	4.7
Tetrachloroethene	0.365	0.350	0.349	0.387	0.348		0.360	4.7
Ethyl Benzene	2.213	2.181	2.126	2.228	2.031		2.156	3.7
m/p-Xylenes	0.838	0.817	0.780	0.808	0.719		0.792	5.8
o-Xylene	0.841	0.823	0.787	0.800	0.726		0.795	5.5
1,3-Dichlorobenzene	0.829	0.841	0.819	0.858	0.789		0.827	3.1
1,2-Dichloroethane-d4	2.935	2.867	2.905	2.916	2.857		2.896	1.1
Toluene-d8	1.674	1.620	1.622	1.634	1.609		1.632	1.5
4-Bromofluorobenzene	0.579	0.578	0.588	0.586	0.582		0.583	0.7

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.