

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: Q1822 SAS No.: Q1822 SDG No.: Q1822
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2	
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5	
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6	
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5	
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8	
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8	
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5	
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9	
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9	
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2	
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9	
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5	
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5	
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5	

* 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.