

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ROYF02
 Lab Code: CHEM Case No.: P5088 SAS No.: P5088 SDG No.: P5088
 Instrument ID: MSVOA_N Calibration Date(s): 11/22/2024 11/22/2024
 Heated Purge: (Y/N) N Calibration Time(s): 11:22 13:45
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF100 = VN085005.D		RRF050 = VN085006.D		RRF020 = VN085007.D			
		RRF010 = VN085008.D		RRF005 = VN085009.D		RRF001 = VN085010.D			
COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	RRF	% RSD	
Vinyl Chloride	0.597	0.575	0.579	0.569	0.608	0.608	0.589	2.9	
1,1-Dichloroethene	0.547	0.524	0.534	0.506	0.543	0.531	0.531	2.8	
Methylene Chloride	0.603	0.588	0.619	0.610	0.630	0.748	0.633	9.2	
trans-1,2-Dichloroethene	0.570	0.558	0.565	0.519	0.568	0.571	0.558	3.5	
1,1-Dichloroethane	1.091	1.049	1.084	1.033	1.092	1.116	1.078	2.8	
Carbon Tetrachloride	0.572	0.534	0.543	0.484	0.529	0.500	0.527	5.9	
cis-1,2-Dichloroethene	0.667	0.657	0.672	0.634	0.681	0.729	0.673	4.7	
1,1,1-Trichloroethane	1.047	1.013	1.022	0.993	1.005	1.135	1.036	5	
Trichloroethene	0.352	0.327	0.338	0.320	0.347	0.330	0.336	3.6	
1,1,2-Trichloroethane	0.336	0.322	0.324	0.314	0.314	0.301	0.319	3.7	
Tetrachloroethene	0.350	0.328	0.340	0.322	0.374	0.307	0.337	7	
1,2,3-Trichloropropane	1.009	0.903	0.933	0.768	0.822	1.023	0.909	11.1	
1,2-Dichloroethane-d4	0.738	0.705	0.658	0.735	0.725		0.712	4.6	
Dibromofluoromethane	0.361	0.340	0.311	0.330	0.343		0.337	5.4	
Toluene-d8	1.326	1.249	1.152	1.162	1.154		1.208	6.4	
4-Bromofluorobenzene	0.476	0.467	0.425	0.438	0.454		0.452	4.6	

* 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.