

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
 Lab Code: CHEM Case No.: Q2250 SAS No.: Q2250 SDG No.: Q2250
 Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025
 Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF001 = VN086862.D		RRF005 = VN086863.D		RRF020 = VN086864.D			
		RRF050 = VN086865.D		RRF100 = VN086866.D		RRF150 = VN086867.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5	
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4	
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2	
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9	
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9	
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2	
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6	
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2	
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7	
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5	
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1	
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2	
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2	
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2	

* 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.