

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: FIRS02
 Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG No.: Q2320
 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	
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2	
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9	
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7	
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	
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5	
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7	
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.