

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2006 SAS No.: Q2006 SDG No.: Q2006

Instrument ID: MSVOA_N Calibration Date/Time: 05/16/2025 11:37

Lab File ID: VN086661.D Init. Calib. Date(s): 04/23/2025 04/23/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:22 13:17

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Chloromethane	2.942	2.908		-1.16	
Vinyl Chloride	2.818	2.716	0.1	-3.62	
Bromomethane	1.471	1.576	0.1	7.14	
Chloroethane	1.879	1.856		-1.22	
Trichlorofluoromethane	3.326	3.391		1.95	
1,1-Dichloroethene	2.093	2.081	0.1	-0.57	
Acrolein	0.150	0.126		-16	
Acrylonitrile	1.104	1.207		9.33	
Methylene Chloride	2.383	2.549		6.97	
trans-1,2-Dichloroethene	2.231	2.229		-0.09	
1,1-Dichloroethane	4.356	4.447	0.2	2.09	
Carbon Tetrachloride	0.520	0.534	0.1	2.69	
Chloroform	4.408	4.488	0.2	1.82	
1,1,1-Trichloroethane	0.632	0.643	0.1	1.74	
Benzene	1.682	1.733	0.5	3.03	
1,2-Dichloroethane	0.546	0.548	0.1	0.37	
Trichloroethene	0.421	0.418	0.3	-0.71	
1,2-Dichloropropane	0.416	0.415		-0.24	
Bromodichloromethane	0.588	0.594	0.2	1.02	
Toluene	2.008	2.018	0.4	0.5	
t-1,3-Dichloropropene	0.657	0.642	0.1	-2.28	
cis-1,3-Dichloropropene	0.693	0.684	0.2	-1.3	
1,1,2-Trichloroethane	0.388	0.408	0.1	5.16	
2-Chloroethyl vinyl ether	0.318	0.285		-10.38	
Dibromochloromethane	0.436	0.441	0.1	1.15	
Tetrachloroethene	0.458	0.463	0.2	1.09	
Chlorobenzene	1.251	1.280	0.5	2.32	
Ethyl Benzene	2.260	2.221	0.1	-1.73	
m/p-Xylenes	0.858	0.864	0.3	0.58	
o-Xylene	0.840	0.861	0.3	2.5	
Bromoform	0.283	0.295	0.1	4.24	
1,1,2,2-Tetrachloroethane	0.552	0.629	0.3	13.95	
1,3-Dichlorobenzene	0.911	0.921	0.2	1.1	
1,4-Dichlorobenzene	0.900	0.896	0.2	-0.44	
1,2-Dichlorobenzene	0.867	0.879	0.2	1.38	
1,2-Dichloroethane-d4	2.892	2.758	0.01	-4.63	
Toluene-d8	1.650	1.628	0.01	-1.33	
4-Bromofluorobenzene	0.590	0.567	0.2	-3.9	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.