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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG No.: Q2264

Instrument ID: MSVOA_X Calibration Date/Time: 06/11/2025 11:12

Lab File ID: VX046628.D Init. Calib. Date(s): 06/10/2025 06/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 20:19 21:44

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Chloromethane	2.010	1.881		-6.42	
Vinyl Chloride	1.937	1.909	0.1	-1.45	
Bromomethane	1.157	0.828	0.1	-28.44	
Chloroethane	1.113	1.062		-4.58	
Trichlorofluoromethane	2.775	2.841		2.38	
1,1-Dichloroethene	1.791	1.741	0.1	-2.79	
Acrolein	0.221	0.222		0.45	
Acrylonitrile	0.928	0.862		-7.11	
Methylene Chloride	1.976	1.991		0.76	
trans-1,2-Dichloroethene	1.856	1.850		-0.32	
1,1-Dichloroethane	3.522	3.486	0.2	-1.02	
Carbon Tetrachloride	0.518	0.536	0.1	3.47	
Chloroform	3.625	3.724	0.2	2.73	
1,1,1-Trichloroethane	0.583	0.591	0.1	1.37	
Benzene	1.387	1.393	0.5	0.43	
1,2-Dichloroethane	0.525	0.538	0.1	2.48	
Trichloroethene	0.348	0.342	0.3	-1.72	
1,2-Dichloropropane	0.346	0.347		0.29	
Bromodichloromethane	0.527	0.525	0.2	-0.38	
Toluene	1.626	1.647	0.4	1.29	
t-1,3-Dichloropropene	0.472	0.458	0.1	-2.97	
cis-1,3-Dichloropropene	0.527	0.516	0.2	-2.09	
1,1,2-Trichloroethane	0.326	0.326	0.1	0	
2-Chloroethyl vinyl ether	0.259	0.255		-1.54	
Dibromochloromethane	0.384	0.390	0.1	1.56	
Tetrachloroethene	0.314	0.317	0.2	0.95	
Chlorobenzene	1.049	1.052	0.5	0.29	
Ethyl Benzene	1.856	1.841	0.1	-0.81	
m/p-Xylenes	0.687	0.689	0.3	0.29	
o-Xylene	0.661	0.658	0.3	-0.45	
Bromoform	0.237	0.239	0.1	0.84	
1,1,2,2-Tetrachloroethane	0.521	0.517	0.3	-0.77	
1,3-Dichlorobenzene	0.774	0.797	0.2	2.97	
1,4-Dichlorobenzene	0.779	0.799	0.2	2.57	
1,2-Dichlorobenzene	0.745	0.756	0.2	1.48	
1,2-Dichloroethane-d4	2.428	2.484	0.01	2.31	
Toluene-d8	1.340	1.361	0.01	1.57	
4-Bromofluorobenzene	0.506	0.516	0.2	1.98	

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