

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1985 SAS No.: Q1985 SDG No.: Q1985

Instrument ID: MSVOA_X Calibration Date/Time: 05/08/2025 18:46

Lab File ID: VX046100.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.761	0.1	2.56	50
Vinyl Chloride	0.691	0.697		0.87	50
Bromomethane	0.320	0.301		-5.94	50
Chloroethane	0.369	0.377		2.17	50
Trichlorofluoromethane	1.021	1.051		2.94	50
1,1,2-Trichlorotrifluoroethane	0.632	0.641		1.42	50
1,1-Dichloroethene	0.593	0.589		-0.68	50
Acetone	0.374	0.389		4.01	50
Carbon Disulfide	1.406	1.508		7.26	50
Methyl tert-butyl Ether	2.079	2.183		5	50
Methylene Chloride	0.716	0.688		-3.91	50
trans-1,2-Dichloroethene	0.596	0.596		0	50
1,1-Dichloroethane	1.219	1.275	0.1	4.59	50
2-Butanone	0.543	0.582		7.18	50
Carbon Tetrachloride	0.544	0.559		2.76	50
cis-1,2-Dichloroethene	0.718	0.741		3.2	50
Chloroform	1.271	1.318		3.7	50
1,1,1-Trichloroethane	1.101	1.150		4.45	50
Methylcyclohexane	0.623	0.607		-2.57	50
Benzene	1.417	1.453		2.54	50
1,2-Dichloroethane	0.612	0.625		2.12	50
Trichloroethene	0.341	0.344		0.88	50
1,2-Dichloropropane	0.352	0.373		5.97	50
Bromodichloromethane	0.547	0.585		6.95	50
4-Methyl-2-Pentanone	0.605	0.658		8.76	50
Toluene	0.869	0.886		1.96	50
t-1,3-Dichloropropene	0.487	0.507		4.11	50
cis-1,3-Dichloropropene	0.538	0.561		4.28	50
1,1,2-Trichloroethane	0.343	0.353		2.91	50
2-Hexanone	0.448	0.496		10.71	50
Dibromochloromethane	0.376	0.409		8.78	50
Tetrachloroethene	0.354	0.354		0	50
Chlorobenzene	1.094	1.092	0.3	-0.18	50
Ethyl Benzene	1.929	2.015		4.46	50
m/p-Xylenes	0.706	0.731		3.54	50
o-Xylene	0.688	0.727		5.67	50
Styrene	1.127	1.222		8.43	50
Bromoform	0.281	0.310	0.1	10.32	50

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

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.893	3.977		2.16	50
1,1,2,2-Tetrachloroethane	1.364	1.354	0.3	-0.73	50
1,3-Dichlorobenzene	1.649	1.648		-0.06	50
1,4-Dichlorobenzene	1.684	1.636		-2.85	50
1,2-Dichlorobenzene	1.655	1.664		0.54	50
1,2-Dichloroethane-d4	0.932	0.905		-2.9	50
Dibromofluoromethane	0.360	0.350		-2.78	50
Toluene-d8	1.246	1.213		-2.65	50
4-Bromofluorobenzene	0.478	0.464		-2.93	50

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