

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 18:56

Lab File ID: VX046431.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	0.678	0.1	-8.63	50
Vinyl Chloride	0.691	0.615		-11	50
Bromomethane	0.320	0.291		-9.06	50
Chloroethane	0.369	0.346		-6.23	50
Trichlorofluoromethane	1.021	0.979		-4.11	50
1,1,2-Trichlorotrifluoroethane	0.632	0.618		-2.21	50
1,1-Dichloroethene	0.593	0.566		-4.55	50
Acetone	0.374	0.427		14.17	50
Carbon Disulfide	1.406	1.085		-22.83	50
Methyl tert-butyl Ether	2.079	2.303		10.77	50
Methylene Chloride	0.716	0.705		-1.54	50
trans-1,2-Dichloroethene	0.596	0.567		-4.87	50
1,1-Dichloroethane	1.219	1.297	0.1	6.4	50
2-Butanone	0.543	0.660		21.55	50
Carbon Tetrachloride	0.544	0.536		-1.47	50
cis-1,2-Dichloroethene	0.718	0.752		4.74	50
Chloroform	1.271	1.391		9.44	50
1,1,1-Trichloroethane	1.101	1.186		7.72	50
Methylcyclohexane	0.623	0.569		-8.67	50
Benzene	1.417	1.443		1.84	50
1,2-Dichloroethane	0.612	0.638		4.25	50
Trichloroethene	0.341	0.338		-0.88	50
1,2-Dichloropropane	0.352	0.390		10.8	50
Bromodichloromethane	0.547	0.604		10.42	50
4-Methyl-2-Pentanone	0.605	0.747		23.47	50
Toluene	0.869	0.892		2.65	50
t-1,3-Dichloropropene	0.487	0.534		9.65	50
cis-1,3-Dichloropropene	0.538	0.594		10.41	50
1,1,2-Trichloroethane	0.343	0.385		12.24	50
2-Hexanone	0.448	0.562		25.45	50
Dibromochloromethane	0.376	0.434		15.43	50
Tetrachloroethene	0.354	0.336		-5.09	50
Chlorobenzene	1.094	1.107	0.3	1.19	50
Ethyl Benzene	1.929	2.037		5.6	50
m/p-Xylenes	0.706	0.738		4.53	50
o-Xylene	0.688	0.742		7.85	50
Styrene	1.127	1.252		11.09	50
Bromoform	0.281	0.308	0.1	9.61	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	4.117		5.75	50
1,1,2,2-Tetrachloroethane	1.364	1.468	0.3	7.63	50
1,3-Dichlorobenzene	1.649	1.747		5.94	50
1,4-Dichlorobenzene	1.684	1.746		3.68	50
1,2-Dichlorobenzene	1.655	1.784		7.8	50
1,2-Dichloroethane-d4	0.932	0.953		2.25	50
Dibromofluoromethane	0.360	0.370		2.78	50
Toluene-d8	1.246	1.219		-2.17	50
4-Bromofluorobenzene	0.478	0.506		5.86	50

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