

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 10:05

Lab File ID: VX046078.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	0.707	0.1	-4.72	20
Vinyl Chloride	0.691	0.643		-6.95	20
Bromomethane	0.320	0.281		-12.19	20
Chloroethane	0.369	0.352		-4.61	20
Trichlorofluoromethane	1.021	0.997		-2.35	20
1,1,2-Trichlorotrifluoroethane	0.632	0.610		-3.48	20
1,1-Dichloroethene	0.593	0.554		-6.58	20
Acetone	0.374	0.352		-5.88	20
Carbon Disulfide	1.406	1.312		-6.69	20
Methyl tert-butyl Ether	2.079	1.974		-5.05	20
Methylene Chloride	0.716	0.617		-13.83	20
trans-1,2-Dichloroethene	0.596	0.560		-6.04	20
1,1-Dichloroethane	1.219	1.143	0.1	-6.24	20
2-Butanone	0.543	0.506		-6.81	20
Carbon Tetrachloride	0.544	0.519		-4.6	20
cis-1,2-Dichloroethene	0.718	0.664		-7.52	20
Chloroform	1.271	1.202		-5.43	20
1,1,1-Trichloroethane	1.101	1.037		-5.81	20
Methylcyclohexane	0.623	0.579		-7.06	20
Benzene	1.417	1.330		-6.14	20
1,2-Dichloroethane	0.612	0.565		-7.68	20
Trichloroethene	0.341	0.325		-4.69	20
1,2-Dichloropropane	0.352	0.336		-4.55	20
Bromodichloromethane	0.547	0.530		-3.11	20
4-Methyl-2-Pentanone	0.605	0.573		-5.29	20
Toluene	0.869	0.808		-7.02	20
t-1,3-Dichloropropene	0.487	0.478		-1.85	20
cis-1,3-Dichloropropene	0.538	0.529		-1.67	20
1,1,2-Trichloroethane	0.343	0.319		-7	20
2-Hexanone	0.448	0.423		-5.58	20
Dibromochloromethane	0.376	0.371		-1.33	20
Tetrachloroethene	0.354	0.343		-3.11	20
Chlorobenzene	1.094	0.988	0.3	-9.69	20
Ethyl Benzene	1.929	1.833		-4.98	20
m/p-Xylenes	0.706	0.665		-5.81	20
o-Xylene	0.688	0.646		-6.11	20
Styrene	1.127	1.099		-2.48	20
Bromoform	0.281	0.273	0.1	-2.85	20

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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Isopropylbenzene	3.893	3.770		-3.16	20
1,1,2,2-Tetrachloroethane	1.364	1.206	0.3	-11.58	20
1,3-Dichlorobenzene	1.649	1.576		-4.43	20
1,4-Dichlorobenzene	1.684	1.554		-7.72	20
1,2-Dichlorobenzene	1.655	1.544		-6.71	20
1,2-Dichloroethane-d4	0.932	0.825		-11.48	20
Dibromofluoromethane	0.360	0.332		-7.78	20
Toluene-d8	1.246	1.149		-7.78	20
4-Bromofluorobenzene	0.478	0.428		-10.46	20

All other compounds must meet a minimum RRF of 0.010.
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