

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 18:57

Lab File ID: VN086938.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.572	0.1	-11.18	50
Vinyl Chloride	0.664	0.687		3.46	50
Bromomethane	0.372	0.261		-29.84	50
Chloroethane	0.429	0.442		3.03	50
Trichlorofluoromethane	0.868	0.890		2.54	50
1,1,2-Trichlorotrifluoroethane	0.545	0.555		1.84	50
1,1-Dichloroethene	0.557	0.589		5.74	50
Acetone	0.355	0.292		-17.75	50
Carbon Disulfide	1.539	1.746		13.45	50
Methyl tert-butyl Ether	2.015	1.956		-2.93	50
Methylene Chloride	0.665	0.648		-2.56	50
trans-1,2-Dichloroethene	0.619	0.623		0.65	50
1,1-Dichloroethane	1.120	1.095	0.1	-2.23	50
2-Butanone	0.577	0.496		-14.04	50
Carbon Tetrachloride	0.433	0.448		3.46	50
cis-1,2-Dichloroethene	0.740	0.750		1.35	50
Chloroform	1.118	1.074		-3.94	50
1,1,1-Trichloroethane	0.951	0.926		-2.63	50
Methylcyclohexane	0.605	0.588		-2.81	50
Benzene	1.444	1.488		3.05	50
1,2-Dichloroethane	0.438	0.436		-0.46	50
Trichloroethene	0.342	0.379		10.82	50
1,2-Dichloropropane	0.351	0.351		0	50
Bromodichloromethane	0.480	0.483		0.63	50
4-Methyl-2-Pentanone	0.543	0.513		-5.53	50
Toluene	0.882	0.931		5.56	50
t-1,3-Dichloropropene	0.537	0.560		4.28	50
cis-1,3-Dichloropropene	0.574	0.596		3.83	50
1,1,2-Trichloroethane	0.340	0.346		1.76	50
2-Hexanone	0.350	0.336		-4	50
Dibromochloromethane	0.354	0.378		6.78	50
Tetrachloroethene	0.316	0.341		7.91	50
Chlorobenzene	1.103	1.175	0.3	6.53	50
Ethyl Benzene	1.900	1.991		4.79	50
m/p-Xylenes	0.727	0.777		6.88	50
o-Xylene	0.696	0.747		7.33	50
Styrene	1.192	1.274		6.88	50
Bromoform	0.263	0.292	0.1	11.03	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	3.643	3.690		1.29	50
1,1,2,2-Tetrachloroethane	1.234	1.252	0.3	1.46	50
1,3-Dichlorobenzene	1.644	1.714		4.26	50
1,4-Dichlorobenzene	1.676	1.755		4.71	50
1,2-Dichlorobenzene	1.579	1.624		2.85	50
1,2-Dichloroethane-d4	0.669	0.555		-17.04	50
Dibromofluoromethane	0.296	0.282		-4.73	50
Toluene-d8	1.173	1.082		-7.76	50
4-Bromofluorobenzene	0.436	0.408		-6.42	50

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