

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2082 SAS No.: Q2082 SDG No.: Q2082

Instrument ID: MSVOA_X Calibration Date/Time: 05/21/2025 09:55

Lab File ID: VX046284.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	0.718	0.1	-3.23	20
Vinyl Chloride	0.691	0.658		-4.78	20
Bromomethane	0.320	0.295		-7.81	20
Chloroethane	0.369	0.376		1.9	20
Trichlorofluoromethane	1.021	1.037		1.57	20
1,1,2-Trichlorotrifluoroethane	0.632	0.636		0.63	20
1,1-Dichloroethene	0.593	0.565		-4.72	20
Acetone	0.374	0.385		2.94	20
Carbon Disulfide	1.406	1.268		-9.81	20
Methyl tert-butyl Ether	2.079	2.141		2.98	20
Methylene Chloride	0.716	0.669		-6.56	20
trans-1,2-Dichloroethene	0.596	0.569		-4.53	20
1,1-Dichloroethane	1.219	1.239	0.1	1.64	20
2-Butanone	0.543	0.551		1.47	20
Carbon Tetrachloride	0.544	0.553		1.65	20
cis-1,2-Dichloroethene	0.718	0.707		-1.53	20
Chloroform	1.271	1.290		1.5	20
1,1,1-Trichloroethane	1.101	1.116		1.36	20
Methylcyclohexane	0.623	0.594		-4.66	20
Benzene	1.417	1.412		-0.35	20
1,2-Dichloroethane	0.612	0.615		0.49	20
Trichloroethene	0.341	0.344		0.88	20
1,2-Dichloropropane	0.352	0.366		3.98	20
Bromodichloromethane	0.547	0.585		6.95	20
4-Methyl-2-Pentanone	0.605	0.637		5.29	20
Toluene	0.869	0.857		-1.38	20
t-1,3-Dichloropropene	0.487	0.530		8.83	20
cis-1,3-Dichloropropene	0.538	0.582		8.18	20
1,1,2-Trichloroethane	0.343	0.354		3.21	20
2-Hexanone	0.448	0.473		5.58	20
Dibromochloromethane	0.376	0.414		10.11	20
Tetrachloroethene	0.354	0.370		4.52	20
Chlorobenzene	1.094	1.082	0.3	-1.1	20
Ethyl Benzene	1.929	1.968		2.02	20
m/p-Xylenes	0.706	0.721		2.13	20
o-Xylene	0.688	0.712		3.49	20
Styrene	1.127	1.215		7.81	20
Bromoform	0.281	0.307	0.1	9.25	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.893	4.007		2.93	20
1,1,2,2-Tetrachloroethane	1.364	1.299	0.3	-4.76	20
1,3-Dichlorobenzene	1.649	1.667		1.09	20
1,4-Dichlorobenzene	1.684	1.675		-0.53	20
1,2-Dichlorobenzene	1.655	1.691		2.17	20
1,2-Dichloroethane-d4	0.932	0.913		-2.04	20
Dibromofluoromethane	0.360	0.371		3.06	20
Toluene-d8	1.246	1.223		-1.85	20
4-Bromofluorobenzene	0.478	0.481		0.63	20

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