

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2050 SAS No.: Q2050 SDG No.: Q2050

Instrument ID: MSVOA_X Calibration Date/Time: 05/15/2025 09:52

Lab File ID: VX046200.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	0.714	0.1	-3.77	20
Vinyl Chloride	0.691	0.611		-11.58	20
Bromomethane	0.320	0.287		-10.31	20
Chloroethane	0.369	0.363		-1.63	20
Trichlorofluoromethane	1.021	0.958		-6.17	20
1,1,2-Trichlorotrifluoroethane	0.632	0.579		-8.39	20
1,1-Dichloroethene	0.593	0.532		-10.29	20
Acetone	0.374	0.380		1.6	20
Carbon Disulfide	1.406	1.195		-15.01	20
Methyl tert-butyl Ether	2.079	2.213		6.45	20
Methylene Chloride	0.716	0.687		-4.05	20
trans-1,2-Dichloroethene	0.596	0.572		-4.03	20
1,1-Dichloroethane	1.219	1.221	0.1	0.16	20
2-Butanone	0.543	0.583		7.37	20
Carbon Tetrachloride	0.544	0.510		-6.25	20
cis-1,2-Dichloroethene	0.718	0.727		1.25	20
Chloroform	1.271	1.299		2.2	20
1,1,1-Trichloroethane	1.101	1.079		-2	20
Methylcyclohexane	0.623	0.559		-10.27	20
Benzene	1.417	1.399		-1.27	20
1,2-Dichloroethane	0.612	0.634		3.6	20
Trichloroethene	0.341	0.328		-3.81	20
1,2-Dichloropropane	0.352	0.371		5.4	20
Bromodichloromethane	0.547	0.585		6.95	20
4-Methyl-2-Pentanone	0.605	0.671		10.91	20
Toluene	0.869	0.871		0.23	20
t-1,3-Dichloropropene	0.487	0.535		9.86	20
cis-1,3-Dichloropropene	0.538	0.583		8.36	20
1,1,2-Trichloroethane	0.343	0.367		7	20
2-Hexanone	0.448	0.501		11.83	20
Dibromochloromethane	0.376	0.418		11.17	20
Tetrachloroethene	0.354	0.326		-7.91	20
Chlorobenzene	1.094	1.065	0.3	-2.65	20
Ethyl Benzene	1.929	1.871		-3.01	20
m/p-Xylenes	0.706	0.693		-1.84	20
o-Xylene	0.688	0.686		-0.29	20
Styrene	1.127	1.188		5.41	20
Bromoform	0.281	0.301	0.1	7.12	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	3.674		-5.63	20
1,1,2,2-Tetrachloroethane	1.364	1.329	0.3	-2.57	20
1,3-Dichlorobenzene	1.649	1.630		-1.15	20
1,4-Dichlorobenzene	1.684	1.628		-3.33	20
1,2-Dichlorobenzene	1.655	1.656		0.06	20
1,2-Dichloroethane-d4	0.932	0.941		0.97	20
Dibromofluoromethane	0.360	0.366		1.67	20
Toluene-d8	1.246	1.215		-2.49	20
4-Bromofluorobenzene	0.478	0.492		2.93	20

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