

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 10:14

Lab File ID: VX046409.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	0.801	0.1	7.95	20
Vinyl Chloride	0.691	0.722		4.49	20
Bromomethane	0.320	0.322		0.63	20
Chloroethane	0.369	0.398		7.86	20
Trichlorofluoromethane	1.021	1.123		9.99	20
1,1,2-Trichlorotrifluoroethane	0.632	0.704		11.39	20
1,1-Dichloroethene	0.593	0.644		8.6	20
Acetone	0.374	0.420		12.3	20
Carbon Disulfide	1.406	1.493		6.19	20
Methyl tert-butyl Ether	2.079	2.258		8.61	20
Methylene Chloride	0.716	0.714		-0.28	20
trans-1,2-Dichloroethene	0.596	0.646		8.39	20
1,1-Dichloroethane	1.219	1.347	0.1	10.5	20
2-Butanone	0.543	0.600		10.5	20
Carbon Tetrachloride	0.544	0.593		9.01	20
cis-1,2-Dichloroethene	0.718	0.778		8.36	20
Chloroform	1.271	1.387		9.13	20
1,1,1-Trichloroethane	1.101	1.190		8.08	20
Methylcyclohexane	0.623	0.679		8.99	20
Benzene	1.417	1.556		9.81	20
1,2-Dichloroethane	0.612	0.666		8.82	20
Trichloroethene	0.341	0.373		9.38	20
1,2-Dichloropropane	0.352	0.395		12.22	20
Bromodichloromethane	0.547	0.622		13.71	20
4-Methyl-2-Pentanone	0.605	0.678		12.07	20
Toluene	0.869	0.940		8.17	20
t-1,3-Dichloropropene	0.487	0.555		13.96	20
cis-1,3-Dichloropropene	0.538	0.621		15.43	20
1,1,2-Trichloroethane	0.343	0.376		9.62	20
2-Hexanone	0.448	0.503		12.28	20
Dibromochloromethane	0.376	0.436		15.96	20
Tetrachloroethene	0.354	0.397		12.15	20
Chlorobenzene	1.094	1.183	0.3	8.14	20
Ethyl Benzene	1.929	2.210		14.57	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.688	0.782		13.66	20
Styrene	1.127	1.325		17.57	20
Bromoform	0.281	0.328	0.1	16.73	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	4.252		9.22	20
1,1,2,2-Tetrachloroethane	1.364	1.396	0.3	2.35	20
1,3-Dichlorobenzene	1.649	1.805		9.46	20
1,4-Dichlorobenzene	1.684	1.797		6.71	20
1,2-Dichlorobenzene	1.655	1.772		7.07	20
1,2-Dichloroethane-d4	0.932	0.920		-1.29	20
Dibromofluoromethane	0.360	0.375		4.17	20
Toluene-d8	1.246	1.233		-1.04	20
4-Bromofluorobenzene	0.478	0.485		1.46	20

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