

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RTPE01

Lab Code: CHEM Case No.: Q2317 SAS No.: Q2317 SDG No.: Q2317

Instrument ID: MSVOA_L Calibration Date/Time: 06/16/2025 08:54

Lab File ID: VL042622.D Init. Calib. Date(s): 05/29/2025 05/29/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:24

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.229	1.252		1.87	30
Chloromethane	0.487	0.473		-2.88	30
Vinyl Chloride	0.496	0.445		-10.28	30
Bromomethane	0.241	0.218		-9.54	30
Chloroethane	0.193	0.181		-6.22	30
Tetrahydrofuran	0.417	0.435		4.32	30
Trichlorofluoromethane	1.144	1.287		12.5	30
1,1,2-Trichlorotrifluoroethane	0.898	0.998		11.14	30
Dichlorotetrafluoroethane	1.024	1.030		0.59	30
tert-Butyl alcohol	1.255	1.291		2.87	30
Heptane	1.921	1.806		-5.99	30
1,1-Dichloroethene	0.416	0.440		5.77	30
Acetone	1.205	1.082		-10.21	30
Carbon Disulfide	1.150	1.256		9.22	30
Methyl tert-Butyl Ether	0.608	0.627		3.13	30
Methylene Chloride	0.398	0.371		-6.78	30
trans-1,2-Dichloroethene	0.465	0.491		5.59	30
1,1-Dichloroethane	0.957	1.001		4.6	30
Cyclohexane	1.242	1.136		-8.53	30
2-Butanone	0.713	0.792		11.08	30
Carbon Tetrachloride	0.660	0.734		11.21	30
cis-1,2-Dichloroethene	1.370	1.358		-0.88	30
Chloroform	1.948	1.998		2.57	30
1,1,1-Trichloroethane	1.990	1.954		-1.81	30
2,2,4-Trimethylpentane	1.684	1.761		4.57	30
Benzene	0.985	1.044		5.99	30
1,2-Dichloroethane	0.489	0.570		16.56	30
Trichloroethene	0.419	0.421		0.48	30
1,2-Dichloropropane	0.364	0.378		3.85	30
Bromodichloromethane	0.695	0.820		17.99	30
4-Methyl-2-Pentanone	0.989	1.057		6.88	30
Toluene	1.138	1.168		2.64	30
t-1,3-Dichloropropene	0.437	0.463		5.95	30
cis-1,3-Dichloropropene	0.548	0.584		6.57	30
1,1,2-Trichloroethane	0.377	0.405		7.43	30
Dibromochloromethane	0.603	0.655		8.62	30
1,2-Dibromoethane	0.558	0.601		7.71	30
Tetrachloroethene	0.368	0.357		-2.99	30

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	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.971	0.982		1.13	30
Ethyl Benzene	1.696	1.773		4.54	30
m/p-Xylene	1.335	1.428		6.97	30
o-Xylene	1.331	1.405		5.56	30
Styrene	0.629	0.638		1.43	30
Bromoform	0.521	0.561		7.68	30
1,1,2,2-Tetrachloroethane	0.847	0.895		5.67	30
2-Chlorotoluene	1.500	1.564		4.27	30
1,3,5-Trimethylbenzene	1.374	1.431		4.15	30
1,2,4-Trimethylbenzene	1.524	1.563		2.56	30
1,3-Dichlorobenzene	0.957	0.975		1.88	30
1,4-Dichlorobenzene	0.955	0.977		2.3	30
1,2-Dichlorobenzene	0.929	0.912		-1.83	30
1,2,4-Trichlorobenzene	0.802	0.797		-0.62	30
Hexachloro-1,3-Butadiene	0.769	0.690		-10.27	30
1,3-Butadiene	0.571	0.531		-7.01	30
Naphthalene	1.437	1.542		7.31	30
4-Ethyltoluene	1.660	1.726		3.98	30
1-Bromo-4-Fluorobenzene	0.750	0.778		3.73	30
Hexane	1.498	1.399		-6.61	30
Allyl Chloride	0.850	0.847		-0.35	30
1,4-Dioxane	162.953	166.679		2.29	30
Methyl Methacrylate	0.382	0.401		4.97	30

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