

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WATE03

Lab Code: CHEM Case No.: Q2359 SAS No.: Q2359 SDG No.: Q2359

Instrument ID: MSVOA_L Calibration Date/Time: 06/19/2025 08:56

Lab File ID: VL042647.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	1.288		4.8	30
Chloromethane	0.487	0.488		0.2	30
Vinyl Chloride	0.496	0.448		-9.68	30
Bromomethane	0.241	0.223		-7.47	30
Chloroethane	0.193	0.183		-5.18	30
Tetrahydrofuran	0.417	0.441		5.76	30
Trichlorofluoromethane	1.144	1.313		14.77	30
1,1,2-Trichlorotrifluoroethane	0.898	1.012		12.69	30
Dichlorotetrafluoroethane	1.024	1.047		2.25	30
tert-Butyl alcohol	1.255	1.201		-4.3	30
Heptane	1.921	1.822		-5.15	30
1,1-Dichloroethene	0.416	0.435		4.57	30
Acetone	1.205	1.058		-12.2	30
Carbon Disulfide	1.150	1.230		6.96	30
Methyl tert-Butyl Ether	0.608	0.642		5.59	30
Methylene Chloride	0.398	0.378		-5.03	30
trans-1,2-Dichloroethene	0.465	0.492		5.81	30
1,1-Dichloroethane	0.957	0.989		3.34	30
Cyclohexane	1.242	1.116		-10.15	30
2-Butanone	0.713	0.823		15.43	30
Carbon Tetrachloride	0.660	0.793		20.15	30
cis-1,2-Dichloroethene	1.370	1.350		-1.46	30
Chloroform	1.948	2.125		9.09	30
1,1,1-Trichloroethane	1.990	2.027		1.86	30
2,2,4-Trimethylpentane	1.684	1.861		10.51	30
Benzene	0.985	1.082		9.85	30
1,2-Dichloroethane	0.489	0.614		25.56	30
Trichloroethene	0.419	0.422		0.72	30
1,2-Dichloropropane	0.364	0.405		11.26	30
Bromodichloromethane	0.695	0.860		23.74	30
4-Methyl-2-Pentanone	0.989	1.102		11.43	30
Toluene	1.138	1.178		3.52	30
t-1,3-Dichloropropene	0.437	0.464		6.18	30
cis-1,3-Dichloropropene	0.548	0.591		7.85	30
1,1,2-Trichloroethane	0.377	0.425		12.73	30
Dibromochloromethane	0.603	0.689		14.26	30
1,2-Dibromoethane	0.558	0.630		12.9	30
Tetrachloroethene	0.368	0.367		-0.27	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	1.071		10.3	30
Ethyl Benzene	1.696	1.878		10.73	30
m/p-Xylene	1.335	1.580		18.35	30
o-Xylene	1.331	1.565		17.58	30
Styrene	0.629	0.656		4.29	30
Bromoform	0.521	0.619		18.81	30
1,1,2,2-Tetrachloroethane	0.847	1.025		21.01	30
2-Chlorotoluene	1.500	1.737		15.8	30
1,3,5-Trimethylbenzene	1.374	1.596		16.16	30
1,2,4-Trimethylbenzene	1.524	1.789		17.39	30
1,3-Dichlorobenzene	0.957	1.102		15.15	30
1,4-Dichlorobenzene	0.955	1.104		15.6	30
1,2-Dichlorobenzene	0.929	1.061		14.21	30
1,2,4-Trichlorobenzene	0.802	0.863		7.61	30
Hexachloro-1,3-Butadiene	0.769	0.762		-0.91	30
1,3-Butadiene	0.571	0.525		-8.06	30
Naphthalene	1.437	1.673		16.42	30
4-Ethyltoluene	1.660	1.927		16.08	30
1-Bromo-4-Fluorobenzene	0.750	0.814		8.53	30
Hexane	1.498	1.411		-5.81	30
Allyl Chloride	0.850	0.840		-1.18	30
1,4-Dioxane	162.953	170.847		4.84	30
Methyl Methacrylate	0.382	0.406		6.28	30

All other compounds must meet a minimum RRF of 0.010.
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