

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1664 SAS No.: Q1664 SDG No.: Q1664

Instrument ID: MSVOA_N Calibration Date/Time: 03/28/2025 10:44

Lab File ID: VN086140.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.662	0.585		-11.63	20
Chloromethane	0.581	0.578	0.1	-0.52	20
Vinyl Chloride	0.594	0.629		5.89	20
Bromomethane	0.404	0.391		-3.22	20
Chloroethane	0.375	0.394		5.07	20
Trichlorofluoromethane	1.067	0.977		-8.44	20
1,1,2-Trichlorotrifluoroethane	0.567	0.579		2.12	20
1,1-Dichloroethene	0.512	0.500		-2.34	20
Acetone	0.209	0.199		-4.78	20
Carbon Disulfide	1.685	1.453		-13.77	20
Methyl tert-butyl Ether	1.679	1.680		0.06	20
Methyl Acetate	0.518	0.614		18.53	20
Methylene Chloride	0.612	0.616		0.65	20
trans-1,2-Dichloroethene	0.560	0.561		0.18	20
1,1-Dichloroethane	1.001	1.018	0.1	1.7	20
Cyclohexane	0.853	0.825		-3.28	20
2-Butanone	0.302	0.323		6.95	20
Carbon Tetrachloride	0.604	0.595		-1.49	20
cis-1,2-Dichloroethene	0.636	0.652		2.52	20
Bromochloromethane	0.424	0.430		1.41	20
Chloroform	1.107	1.110		0.27	20
1,1,1-Trichloroethane	1.048	1.006		-4.01	20
Methylcyclohexane	0.456	0.480		5.26	20
Benzene	1.443	1.525		5.68	20
1,2-Dichloroethane	0.503	0.493		-1.99	20
Trichloroethene	0.374	0.359		-4.01	20
1,2-Dichloropropane	0.328	0.368		12.19	20
Bromodichloromethane	0.539	0.559		3.71	20
4-Methyl-2-Pentanone	0.371	0.447		20.49	20
Toluene	0.885	1.009		14.01	20
t-1,3-Dichloropropene	0.524	0.555		5.92	20
cis-1,3-Dichloropropene	0.553	0.597		7.96	20
1,1,2-Trichloroethane	0.338	0.379		12.13	20
2-Hexanone	0.270	0.335		24.07	20
Dibromochloromethane	0.436	0.468		7.34	20
1,2-Dibromoethane	0.347	0.376		8.36	20
Tetrachloroethene	0.399	0.389		-2.51	20
Chlorobenzene	1.144	1.146	0.3	0.17	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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Ethyl Benzene	1.830	1.951		6.61	20
m/p-Xylenes	0.719	0.796		10.71	20
o-Xylene	0.660	0.739		11.97	20
Styrene	1.128	1.296		14.89	20
Bromoform	0.356	0.351	0.1	-1.4	20
Isopropylbenzene	3.414	3.326		-2.58	20
1,1,2,2-Tetrachloroethane	1.155	1.068	0.3	-7.53	20
1,3-Dichlorobenzene	1.716	1.676		-2.33	20
1,4-Dichlorobenzene	1.803	1.622		-10.04	20
1,2-Dichlorobenzene	1.706	1.594		-6.57	20
1,2-Dibromo-3-Chloropropane	0.231	0.206		-10.82	20
1,2,4-Trichlorobenzene	0.858	0.763		-11.07	20
1,2,3-Trichlorobenzene	0.814	0.754		-7.37	20
1,2-Dichloroethane-d4	0.685	0.616		-10.07	20
Dibromofluoromethane	0.349	0.328		-6.02	20
Toluene-d8	1.267	1.250		-1.34	20
4-Bromofluorobenzene	0.452	0.459		1.55	20

All other compounds must meet a minimum RRF of 0.010.
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