

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2437 SAS No.: Q2437 SDG No.: Q2437

Instrument ID: MSVOA_N Calibration Date/Time: 06/27/2025 09:38

Lab File ID: VN087207.D Init. Calib. Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 16:34 18:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.627	0.594		-5.26	20
Chloromethane	0.612	0.617	0.1	0.82	20
Vinyl Chloride	0.661	0.579		-12.4	20
Ethyl Acetate	0.591	0.566		-4.23	20
Bromomethane	0.355	0.318		-10.42	20
Chloroethane	0.345	0.313		-9.27	20
Trichlorofluoromethane	0.787	0.854		8.51	20
1,1,2-Trichlorotrifluoroethane	0.582	0.506		-13.06	20
Tert butyl alcohol	0.159	0.134		-15.72	20
1,1-Dichloroethene	0.587	0.520		-11.41	20
Acrolein	0.131	0.142		8.4	20
Acrylonitrile	0.419	0.392		-6.44	20
Acetone	0.350	0.381		8.86	20
Carbon Disulfide	1.753	1.690		-3.59	20
Methyl tert-butyl Ether	2.020	1.952		-3.37	20
Methyl Acetate	0.854	0.764		-10.54	20
Methylene Chloride	0.673	0.615		-8.62	20
trans-1,2-Dichloroethene	0.651	0.597		-8.3	20
Vinyl Acetate	1.868	1.691		-9.48	20
1,1-Dichloroethane	1.234	1.100	0.1	-10.86	20
Cyclohexane	1.114	1.096		-1.62	20
2-Butanone	0.546	0.524		-4.03	20
Carbon Tetrachloride	0.461	0.442		-4.12	20
2,2-Dichloropropane	0.981	0.987		0.61	20
cis-1,2-Dichloroethene	0.756	0.703		-7.01	20
Bromochloromethane	0.542	0.438		-19.19	20
Chloroform	1.164	1.039		-10.74	20
1,1,1-Trichloroethane	1.000	0.936		-6.4	20
Methylcyclohexane	0.578	0.566		-2.08	20
1,1-Dichloropropene	0.473	0.467		-1.27	20
Benzene	1.463	1.426		-2.53	20
1,2-Dichloroethane	0.476	0.455		-4.41	20
Trichloroethene	0.350	0.324		-7.43	20
1,2-Dichloropropane	0.377	0.359		-4.78	20
Dibromomethane	0.256	0.231		-9.77	20
Bromodichloromethane	0.513	0.489		-4.68	20
4-Methyl-2-Pentanone	0.561	0.561		0	20
Toluene	0.935	0.892		-4.6	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
t-1,3-Dichloropropene	0.572	0.556		-2.8	20
cis-1,3-Dichloropropene	0.609	0.483		-20.69	20
1,1,2-Trichloroethane	0.354	0.317		-10.45	20
1,3-Dichloropropane	0.625	0.554		-11.36	20
2-Chloroethyl Vinyl ether	0.286	0.292		2.1	20
2-Hexanone	0.387	0.334		-13.69	20
Dibromochloromethane	0.385	0.325		-15.58	20
1,2-Dibromoethane	0.374	0.309		-17.38	20
Tetrachloroethene	0.306	0.333		8.82	20
Chlorobenzene	1.109	1.074	0.3	-3.16	20
1,1,1,2-Tetrachloroethane	0.354	0.350		-1.13	20
Hexachloroethane	0.561	0.584		4.1	20
Ethyl Benzene	1.850	1.914		3.46	20
m/p-Xylenes	0.708	0.784		10.73	20
o-Xylene	0.643	0.719		11.82	20
Styrene	1.104	1.203		8.97	20
Bromoform	0.263	0.276	0.1	4.94	20
Isopropylbenzene	3.385	3.307		-2.3	20
1,1,2,2-Tetrachloroethane	1.219	1.242	0.3	1.89	20
1,2,3-Trichloropropane	1.116	1.067		-4.39	20
Bromobenzene	0.823	0.825		0.24	20
n-propylbenzene	4.169	4.483		7.53	20
2-Chlorotoluene	2.595	2.765		6.55	20
1,3,5-Trimethylbenzene	2.794	3.150		12.74	20
4-Chlorotoluene	2.587	2.834		9.55	20
tert-Butylbenzene	2.400	2.737		14.04	20
1,2,4-Trimethylbenzene	2.835	3.177		12.06	20
sec-Butylbenzene	3.536	3.765		6.48	20
p-Isopropyltoluene	2.900	2.995		3.28	20
1,3-Dichlorobenzene	1.655	1.583		-4.35	20
1,4-Dichlorobenzene	1.702	1.652		-3	20
n-Butylbenzene	2.695	2.935		8.9	20
1,2-Dichlorobenzene	1.559	1.561		0.13	20
1,2-Dibromo-3-Chloropropane	0.278	0.284		2.16	20
1,2,4-Trichlorobenzene	0.868	0.847		-2.42	20
Hexachlorobutadiene	0.274	0.244		-10.95	20
Naphthalene	3.293	3.174		-3.61	20
1,2,3-Trichlorobenzene	0.857	0.769		-10.27	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.720	0.659		-8.47	20
Dibromofluoromethane	0.323	0.300		-7.12	20
Toluene-d8	1.337	1.205		-9.87	20
4-Bromofluorobenzene	0.464	0.414		-10.78	20

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