

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1676 SAS No.: Q1676 SDG No.: Q1676

Instrument ID: MSVOA_X Calibration Date/Time: 04/03/2025 10:30

Lab File ID: VX045559.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.863		15.4	20
Chloromethane	0.768	0.782	0.1	1.8	20
Vinyl Chloride	0.703	0.734		4.4	20
Ethyl Acetate	0.604	0.615		1.8	20
Bromomethane	0.333	0.322		-3.3	20
Chloroethane	0.373	0.405		8.6	20
Trichlorofluoromethane	1.048	1.105		5.4	20
1,1,2-Trichlorotrifluoroethane	0.614	0.658		7.2	20
Tert butyl alcohol	0.123	0.122		-0.9	20
1,1-Dichloroethene	0.600	0.611		1.8	20
Acrolein	0.169	0.197		16.1	20
Acrylonitrile	0.388	0.390		0.5	20
Acetone	0.375	0.368		-2.1	20
Carbon Disulfide	1.483	1.535		3.6	20
Methyl tert-butyl Ether	2.100	2.077		-1.1	20
Methyl Acetate	0.864	0.859		-0.6	20
Methylene Chloride	0.703	0.693		-1.4	20
trans-1,2-Dichloroethene	0.613	0.615		0.3	20
Vinyl Acetate	1.938	2.024		4.4	20
1,1-Dichloroethane	1.269	1.249	0.1	-1.5	20
Cyclohexane	1.122	1.136		1.2	20
2-Butanone	0.550	0.565		2.8	20
Carbon Tetrachloride	0.518	0.561		8.3	20
2,2-Dichloropropane	0.820	0.904		10.3	20
cis-1,2-Dichloroethene	0.747	0.736		-1.6	20
Bromochloromethane	0.613	0.598		-2.5	20
Chloroform	1.306	1.290		-1.2	20
1,1,1-Trichloroethane	1.105	1.105		0	20
Methylcyclohexane	0.587	0.655		11.6	20
1,1-Dichloropropene	0.479	0.497		3.8	20
Benzene	1.463	1.502		2.7	20
1,2-Dichloroethane	0.604	0.634		4.9	20
Trichloroethene	0.348	0.350		0.8	20
1,2-Dichloropropane	0.365	0.381		4.4	20
Dibromomethane	0.280	0.294		4.9	20
Bromodichloromethane	0.560	0.596		6.6	20
4-Methyl-2-Pentanone	0.606	0.658		8.6	20
Toluene	0.885	0.904		2.1	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	0.467	0.519		11.1	20
cis-1,3-Dichloropropene	0.526	0.584		11.1	20
1,1,2-Trichloroethane	0.353	0.367		4	20
1,3-Dichloropropane	0.614	0.632		2.9	20
2-Chloroethyl Vinyl ether	0.276	0.308		11.4	20
2-Hexanone	0.449	0.478		6.4	20
Dibromochloromethane	0.385	0.421		9.6	20
1,2-Dibromoethane	0.357	0.378		6	20
Tetrachloroethene	0.353	0.354		0.4	20
Chlorobenzene	1.068	1.122	0.3	5	20
1,1,1,2-Tetrachloroethane	0.371	0.384		3.5	20
Hexachloroethane	0.571	0.634		11.2	20
Ethyl Benzene	1.914	2.033		6.2	20
m/p-Xylenes	0.696	0.743		6.7	20
o-Xylene	0.686	0.728		6.2	20
Styrene	1.132	1.241		9.7	20
Bromoform	0.277	0.303	0.1	9.5	20
Isopropylbenzene	4.005	4.226		5.5	20
1,1,2,2-Tetrachloroethane	1.407	1.361	0.3	-3.3	20
1,2,3-Trichloropropane	1.220	1.213		-0.5	20
Bromobenzene	0.925	0.950		2.7	20
n-propylbenzene	4.613	4.984		8	20
2-Chlorotoluene	2.949	3.039		3	20
1,3,5-Trimethylbenzene	3.312	3.590		8.4	20
4-Chlorotoluene	3.288	3.496		6.3	20
tert-Butylbenzene	3.279	3.501		6.8	20
1,2,4-Trimethylbenzene	3.324	3.594		8.1	20
sec-Butylbenzene	4.027	4.419		9.7	20
p-Isopropyltoluene	3.320	3.646		9.8	20
1,3-Dichlorobenzene	1.684	1.724		2.4	20
1,4-Dichlorobenzene	1.708	1.707		-0.1	20
n-Butylbenzene	2.879	3.293		14.4	20
1,2-Dichlorobenzene	1.675	1.689		0.9	20
1,2-Dibromo-3-Chloropropane	0.294	0.321		9.2	20
1,2,4-Trichlorobenzene	0.932	0.996		6.8	20
Hexachlorobutadiene	0.402	0.428		6.4	20
Naphthalene	3.469	3.571		2.9	20
1,2,3-Trichlorobenzene	0.976	1.005		3	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.914	0.886		-3.1	20
Dibromofluoromethane	0.355	0.358		0.8	20
Toluene-d8	1.238	1.248		0.8	20
4-Bromofluorobenzene	0.451	0.460		2.1	20

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