

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1584 SAS No.: Q1584 SDG No.: Q1584

Instrument ID: MSVOA_X Calibration Date/Time: 03/20/2025 09:38

Lab File ID: VX045347.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.635		0.95	20
Chloromethane	0.770	0.683	0.1	-11.3	20
Vinyl Chloride	0.764	0.657		-14.01	20
Ethyl Acetate	0.591	0.635		7.45	20
Bromomethane	0.300	0.275		-8.33	20
Chloroethane	0.352	0.316		-10.23	20
Trichlorofluoromethane	1.012	0.978		-3.36	20
1,1,2-Trichlorotrifluoroethane	0.581	0.655		12.74	20
Tert butyl alcohol	0.151	0.140		-7.28	20
1,1-Dichloroethene	0.614	0.608		-0.98	20
Acrolein	0.174	0.160		-8.05	20
Acrylonitrile	0.404	0.426		5.45	20
Acetone	0.369	0.417		13.01	20
Carbon Disulfide	1.636	1.362		-16.75	20
Methyl tert-butyl Ether	2.061	2.143		3.98	20
Methyl Acetate	0.888	1.180		32.88	20
Methylene Chloride	0.731	0.724		-0.96	20
trans-1,2-Dichloroethene	0.607	0.602		-0.82	20
Vinyl Acetate	1.856	1.938		4.42	20
1,1-Dichloroethane	1.247	1.270	0.1	1.84	20
Cyclohexane	1.082	1.055		-2.49	20
2-Butanone	0.555	0.609		9.73	20
Carbon Tetrachloride	0.465	0.526		13.12	20
2,2-Dichloropropane	0.585	0.919		57.09	20
cis-1,2-Dichloroethene	0.749	0.755		0.8	20
Bromochloromethane	0.594	0.603		1.51	20
Chloroform	1.239	1.284		3.63	20
1,1,1-Trichloroethane	1.000	1.065		6.5	20
Methylcyclohexane	0.549	0.607		10.56	20
1,1-Dichloropropene	0.459	0.480		4.57	20
Benzene	1.448	1.505		3.94	20
1,2-Dichloroethane	0.521	0.601		15.35	20
Trichloroethene	0.340	0.353		3.82	20
1,2-Dichloropropane	0.372	0.401		7.8	20
Dibromomethane	0.263	0.293		11.41	20
Bromodichloromethane	0.516	0.586		13.57	20
4-Methyl-2-Pentanone	0.587	0.672		14.48	20
Toluene	0.849	0.910		7.18	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	0.431	0.527		22.27	20
cis-1,3-Dichloropropene	0.503	0.598		18.89	20
1,1,2-Trichloroethane	0.350	0.376		7.43	20
1,3-Dichloropropane	0.605	0.660		9.09	20
2-Chloroethyl Vinyl ether	0.259	0.321		23.94	20
2-Hexanone	0.425	0.491		15.53	20
Dibromochloromethane	0.366	0.421		15.03	20
1,2-Dibromoethane	0.349	0.377		8.02	20
Tetrachloroethene	0.320	0.349		9.06	20
Chlorobenzene	1.058	1.146	0.3	8.32	20
1,1,1,2-Tetrachloroethane	0.352	0.388		10.23	20
Hexachloroethane	0.568	0.652		14.79	20
Ethyl Benzene	1.843	2.054		11.45	20
m/p-Xylenes	0.675	0.757		12.15	20
o-Xylene	0.681	0.736		8.08	20
Styrene	1.101	1.244		12.99	20
Bromoform	0.266	0.311	0.1	16.92	20
Isopropylbenzene	3.903	4.256		9.04	20
1,1,2,2-Tetrachloroethane	1.432	1.465	0.3	2.3	20
1,2,3-Trichloropropane	1.164	1.229		5.58	20
Bromobenzene	0.921	0.944		2.5	20
n-propylbenzene	4.409	5.000		13.4	20
2-Chlorotoluene	2.808	3.000		6.84	20
1,3,5-Trimethylbenzene	3.156	3.473		10.04	20
4-Chlorotoluene	3.060	3.358		9.74	20
tert-Butylbenzene	3.242	3.499		7.93	20
1,2,4-Trimethylbenzene	3.175	3.505		10.39	20
sec-Butylbenzene	3.884	4.452		14.62	20
p-Isopropyltoluene	3.139	3.622		15.39	20
1,3-Dichlorobenzene	1.643	1.747		6.33	20
1,4-Dichlorobenzene	1.662	1.724		3.73	20
n-Butylbenzene	2.703	3.300		22.09	20
1,2-Dichlorobenzene	1.648	1.756		6.55	20
1,2-Dibromo-3-Chloropropane	0.279	0.321		15.05	20
1,2,4-Trichlorobenzene	0.938	1.072		14.29	20
Hexachlorobutadiene	0.385	0.460		19.48	20
Naphthalene	3.605	3.992		10.73	20
1,2,3-Trichlorobenzene	0.990	1.108		11.92	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.795	0.877		10.31	20
Dibromofluoromethane	0.334	0.382		14.37	20
Toluene-d8	1.212	1.314		8.42	20
4-Bromofluorobenzene	0.402	0.464		15.42	20

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