

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: MSVOA_Y Calibration Date/Time: 04/29/2025 19:45

Lab File ID: VY022068.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.426	0.392		-7.98	50
Chloromethane	0.607	0.584	0.1	-3.79	50
Vinyl Chloride	0.745	0.747		0.27	50
Bromomethane	0.642	0.591		-7.94	50
Chloroethane	0.508	0.526		3.54	50
Tetrahydrofuran	0.068	0.075		10.29	50
Trichlorofluoromethane	0.983	0.980		-0.31	50
1,1,2-Trichlorotrifluoroethane	0.533	0.518		-2.81	50
1,1-Dichloroethene	0.497	0.510		2.62	50
Acrylonitrile	0.094	0.100		6.38	50
Acetone	0.070	0.067		-4.29	50
Carbon Disulfide	1.585	1.596		0.69	50
Methyl tert-butyl Ether	1.113	1.208		8.53	50
Methylene Chloride	0.584	0.579		-0.86	50
trans-1,2-Dichloroethene	0.557	0.593		6.46	50
1,1-Dichloroethane	0.893	0.947	0.1	6.05	50
2-Butanone	0.105	0.112		6.67	50
Carbon Tetrachloride	0.530	0.547		3.21	50
2,2-Dichloropropane	0.782	0.736		-5.88	50
cis-1,2-Dichloroethene	0.622	0.676		8.68	50
Chloroform	0.990	1.081		9.19	50
1,1,1-Trichloroethane	0.896	0.930		3.8	50
1,1-Dichloropropene	0.444	0.459		3.38	50
Benzene	1.387	1.496		7.86	50
1,2-Dichloroethane	0.343	0.368		7.29	50
Trichloroethene	0.384	0.405		5.47	50
1,2-Dichloropropane	0.307	0.333		8.47	50
Dibromomethane	0.192	0.212		10.42	50
Bromodichloromethane	0.480	0.531		10.63	50
4-Methyl-2-Pentanone	0.160	0.181		13.13	50
Toluene	0.898	0.999		11.25	50
t-1,3-Dichloropropene	0.411	0.441		7.3	50
cis-1,3-Dichloropropene	0.489	0.518		5.93	50
1,1,2-Trichloroethane	0.256	0.283		10.55	50
1,3-Dichloropropane	0.411	0.450		9.49	50
2-Hexanone	0.106	0.120		13.21	50
Dibromochloromethane	0.355	0.399		12.39	50
1,2-Dibromoethane	0.242	0.271		11.98	50

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
Tetrachloroethene	0.472	0.499		5.72	50
Chlorobenzene	1.118	1.173	0.3	4.92	50
1,1,1,2-Tetrachloroethane	0.394	0.419		6.34	50
Ethyl Benzene	1.829	1.971		7.76	50
m/p-Xylenes	0.728	0.794		9.07	50
o-Xylene	0.671	0.742		10.58	50
Styrene	1.126	1.274		13.14	50
Bromoform	0.229	0.250	0.1	9.17	50
Isopropylbenzene	3.341	3.484		4.28	50
1,1,2,2-Tetrachloroethane	0.563	0.571	0.3	1.42	50
1,2,3-Trichloropropane	0.428	0.388		-9.35	50
Bromobenzene	0.844	0.892		5.69	50
n-propylbenzene	3.978	4.103		3.14	50
2-Chlorotoluene	2.314	2.428		4.93	50
1,3,5-Trimethylbenzene	2.752	2.917		6	50
4-Chlorotoluene	2.405	2.490		3.53	50
tert-Butylbenzene	2.469	2.639		6.89	50
1,2,4-Trimethylbenzene	2.753	2.945		6.97	50
sec-Butylbenzene	3.612	3.723		3.07	50
p-Isopropyltoluene	3.067	3.215		4.83	50
1,3-Dichlorobenzene	1.714	1.764		2.92	50
1,4-Dichlorobenzene	1.698	1.739		2.41	50
n-Butylbenzene	2.742	2.700		-1.53	50
1,2-Dichlorobenzene	1.495	1.575		5.35	50
1,2-Dibromo-3-Chloropropane	0.090	0.091		1.11	50
1,2,4-Trichlorobenzene	0.847	0.888		4.84	50
Hexachlorobutadiene	0.521	0.532		2.11	50
1,2,3-Trichlorobenzene	0.731	0.813		11.22	50
1,2-Dichloroethane-d4	0.462	0.480		3.9	50
Dibromofluoromethane	0.330	0.352		6.67	50
Toluene-d8	1.245	1.337		7.39	50
4-Bromofluorobenzene	0.419	0.447		6.68	50
trans-1,4-Dichloro-2-butene	0.178	0.168		-5.62	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.