

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: 04/30/2025 19:25

Lab File ID: VY022093.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	0.377		-11.5	50
Chloromethane	0.607	0.596	0.1	-1.81	50
Vinyl Chloride	0.745	0.742		-0.4	50
Bromomethane	0.642	0.571		-11.06	50
Chloroethane	0.508	0.491		-3.35	50
Tetrahydrofuran	0.068	0.073		7.35	50
Trichlorofluoromethane	0.983	0.955		-2.85	50
1,1,2-Trichlorotrifluoroethane	0.533	0.494		-7.32	50
1,1-Dichloroethene	0.497	0.485		-2.41	50
Acrylonitrile	0.094	0.098		4.26	50
Acetone	0.070	0.066		-5.71	50
Carbon Disulfide	1.585	1.507		-4.92	50
Methyl tert-butyl Ether	1.113	1.161		4.31	50
Methylene Chloride	0.584	0.555		-4.97	50
trans-1,2-Dichloroethene	0.557	0.574		3.05	50
1,1-Dichloroethane	0.893	0.898	0.1	0.56	50
2-Butanone	0.105	0.108		2.86	50
Carbon Tetrachloride	0.530	0.530		0	50
2,2-Dichloropropane	0.782	0.671		-14.19	50
cis-1,2-Dichloroethene	0.622	0.650		4.5	50
Chloroform	0.990	1.025		3.54	50
1,1,1-Trichloroethane	0.896	0.896		0	50
1,1-Dichloropropene	0.444	0.442		-0.45	50
Benzene	1.387	1.437		3.61	50
1,2-Dichloroethane	0.343	0.352		2.62	50
Trichloroethene	0.384	0.397		3.38	50
1,2-Dichloropropane	0.307	0.316		2.93	50
Dibromomethane	0.192	0.203		5.73	50
Bromodichloromethane	0.480	0.510		6.25	50
4-Methyl-2-Pentanone	0.160	0.178		11.25	50
Toluene	0.898	0.954		6.24	50
t-1,3-Dichloropropene	0.411	0.419		1.95	50
cis-1,3-Dichloropropene	0.489	0.498		1.84	50
1,1,2-Trichloroethane	0.256	0.277		8.2	50
1,3-Dichloropropane	0.411	0.441		7.3	50
2-Hexanone	0.106	0.118		11.32	50
Dibromochloromethane	0.355	0.385		8.45	50
1,2-Dibromoethane	0.242	0.261		7.85	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	0.484		2.54	50
Chlorobenzene	1.118	1.121	0.3	0.27	50
1,1,1,2-Tetrachloroethane	0.394	0.404		2.54	50
Ethyl Benzene	1.829	1.891		3.39	50
m/p-Xylenes	0.728	0.753		3.43	50
o-Xylene	0.671	0.704		4.92	50
Styrene	1.126	1.211		7.55	50
Bromoform	0.229	0.245	0.1	6.99	50
Isopropylbenzene	3.341	3.316		-0.75	50
1,1,2,2-Tetrachloroethane	0.563	0.551	0.3	-2.13	50
1,2,3-Trichloropropane	0.428	0.375		-12.38	50
Bromobenzene	0.844	0.841		-0.35	50
n-propylbenzene	3.978	3.894		-2.11	50
2-Chlorotoluene	2.314	2.265		-2.12	50
1,3,5-Trimethylbenzene	2.752	2.752		0	50
4-Chlorotoluene	2.405	2.345		-2.49	50
tert-Butylbenzene	2.469	2.479		0.41	50
1,2,4-Trimethylbenzene	2.753	2.764		0.4	50
sec-Butylbenzene	3.612	3.546		-1.83	50
p-Isopropyltoluene	3.067	3.010		-1.86	50
1,3-Dichlorobenzene	1.714	1.673		-2.39	50
1,4-Dichlorobenzene	1.698	1.643		-3.24	50
n-Butylbenzene	2.742	2.598		-5.25	50
1,2-Dichlorobenzene	1.495	1.482		-0.87	50
1,2-Dibromo-3-Chloropropane	0.090	0.084		-6.67	50
1,2,4-Trichlorobenzene	0.847	0.817		-3.54	50
Hexachlorobutadiene	0.521	0.484		-7.1	50
1,2,3-Trichlorobenzene	0.731	0.717		-1.91	50
1,2-Dichloroethane-d4	0.462	0.469		1.51	50
Dibromofluoromethane	0.330	0.334		1.21	50
Toluene-d8	1.245	1.294		3.94	50
4-Bromofluorobenzene	0.419	0.441		5.25	50
trans-1,4-Dichloro-2-butene	0.178	0.155		-12.92	50

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