

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: 05/01/2025 19:08

Lab File ID: VY022117.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	0.394		-7.51	50
Chloromethane	0.607	0.472	0.1	-22.24	50
Vinyl Chloride	0.745	0.569		-23.62	50
Bromomethane	0.642	0.455		-29.13	50
Chloroethane	0.508	0.380		-25.2	50
Tetrahydrofuran	0.068	0.067		-1.47	50
Trichlorofluoromethane	0.983	0.867		-11.8	50
1,1,2-Trichlorotrifluoroethane	0.533	0.494		-7.32	50
1,1-Dichloroethene	0.497	0.495		-0.4	50
Acrylonitrile	0.094	0.091		-3.19	50
Acetone	0.070	0.062		-11.43	50
Carbon Disulfide	1.585	1.414		-10.79	50
Methyl tert-butyl Ether	1.113	1.209		8.63	50
Methylene Chloride	0.584	0.534		-8.56	50
trans-1,2-Dichloroethene	0.557	0.535		-3.95	50
1,1-Dichloroethane	0.893	0.849	0.1	-4.93	50
2-Butanone	0.105	0.100		-4.76	50
Carbon Tetrachloride	0.530	0.514		-3.02	50
2,2-Dichloropropane	0.782	0.692		-11.51	50
cis-1,2-Dichloroethene	0.622	0.621		-0.16	50
Chloroform	0.990	0.948		-4.24	50
1,1,1-Trichloroethane	0.896	0.855		-4.58	50
1,1-Dichloropropene	0.444	0.410		-7.66	50
Benzene	1.387	1.329		-4.18	50
1,2-Dichloroethane	0.343	0.331		-3.5	50
Trichloroethene	0.384	0.382		-0.52	50
1,2-Dichloropropane	0.307	0.287		-6.51	50
Dibromomethane	0.192	0.186		-3.13	50
Bromodichloromethane	0.480	0.471		-1.88	50
4-Methyl-2-Pentanone	0.160	0.161		0.63	50
Toluene	0.898	0.877		-2.34	50
t-1,3-Dichloropropene	0.411	0.401		-2.43	50
cis-1,3-Dichloropropene	0.489	0.470		-3.88	50
1,1,2-Trichloroethane	0.256	0.253		-1.17	50
1,3-Dichloropropane	0.411	0.399		-2.92	50
2-Hexanone	0.106	0.108		1.89	50
Dibromochloromethane	0.355	0.354		-0.28	50
1,2-Dibromoethane	0.242	0.247		2.07	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	0.480		1.7	50
Chlorobenzene	1.118	1.110	0.3	-0.72	50
1,1,1,2-Tetrachloroethane	0.394	0.403		2.28	50
Ethyl Benzene	1.829	1.922		5.09	50
m/p-Xylenes	0.728	0.805		10.58	50
o-Xylene	0.671	0.781		16.39	50
Styrene	1.126	1.177		4.53	50
Bromoform	0.229	0.249	0.1	8.73	50
Isopropylbenzene	3.341	3.561		6.59	50
1,1,2,2-Tetrachloroethane	0.563	0.556	0.3	-1.24	50
1,2,3-Trichloropropane	0.428	0.402		-6.07	50
Bromobenzene	0.844	0.924		9.48	50
n-propylbenzene	3.978	4.244		6.69	50
2-Chlorotoluene	2.314	2.485		7.39	50
1,3,5-Trimethylbenzene	2.752	3.222		17.08	50
4-Chlorotoluene	2.405	2.417		0.5	50
tert-Butylbenzene	2.469	2.687		8.83	50
1,2,4-Trimethylbenzene	2.753	4.224		53.43	50
sec-Butylbenzene	3.612	3.755		3.96	50
p-Isopropyltoluene	3.067	3.224		5.12	50
1,3-Dichlorobenzene	1.714	1.710		-0.23	50
1,4-Dichlorobenzene	1.698	1.670		-1.65	50
n-Butylbenzene	2.742	2.962		8.02	50
1,2-Dichlorobenzene	1.495	1.525		2.01	50
1,2-Dibromo-3-Chloropropane	0.090	0.095		5.56	50
1,2,4-Trichlorobenzene	0.847	0.956		12.87	50
Hexachlorobutadiene	0.521	0.561		7.68	50
1,2,3-Trichlorobenzene	0.731	0.853		16.69	50
1,2-Dichloroethane-d4	0.462	0.424		-8.23	50
Dibromofluoromethane	0.330	0.326		-1.21	50
Toluene-d8	1.245	1.182		-5.06	50
4-Bromofluorobenzene	0.419	0.417		-0.48	50
trans-1,4-Dichloro-2-butene	0.178	0.172		-3.37	50

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