

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 09:20

Lab File ID: VY022070.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	0.361		-15.26	20
Chloromethane	0.607	0.597	0.1	-1.65	20
Vinyl Chloride	0.745	0.723		-2.95	20
Bromomethane	0.642	0.627		-2.34	20
Chloroethane	0.508	0.502		-1.18	20
Tetrahydrofuran	0.068	0.069		1.47	20
Trichlorofluoromethane	0.983	0.946		-3.76	20
1,1,2-Trichlorotrifluoroethane	0.533	0.496		-6.94	20
1,1-Dichloroethene	0.497	0.459		-7.65	20
Acrylonitrile	0.094	0.091		-3.19	20
Acetone	0.070	0.061		-12.86	20
Carbon Disulfide	1.585	1.443		-8.96	20
Methyl tert-butyl Ether	1.113	1.095		-1.62	20
Methylene Chloride	0.584	0.519		-11.13	20
trans-1,2-Dichloroethene	0.557	0.526		-5.57	20
1,1-Dichloroethane	0.893	0.845	0.1	-5.38	20
2-Butanone	0.105	0.102		-2.86	20
Carbon Tetrachloride	0.530	0.543		2.45	20
2,2-Dichloropropane	0.782	0.754		-3.58	20
cis-1,2-Dichloroethene	0.622	0.600		-3.54	20
Chloroform	0.990	0.980		-1.01	20
1,1,1-Trichloroethane	0.896	0.866		-3.35	20
1,1-Dichloropropene	0.444	0.448		0.9	20
Benzene	1.387	1.433		3.32	20
1,2-Dichloroethane	0.343	0.359		4.66	20
Trichloroethene	0.384	0.385		0.26	20
1,2-Dichloropropane	0.307	0.321		4.56	20
Dibromomethane	0.192	0.206		7.29	20
Bromodichloromethane	0.480	0.508		5.83	20
4-Methyl-2-Pentanone	0.160	0.181		13.13	20
Toluene	0.898	0.944		5.12	20
t-1,3-Dichloropropene	0.411	0.436		6.08	20
cis-1,3-Dichloropropene	0.489	0.515		5.32	20
1,1,2-Trichloroethane	0.256	0.278		8.59	20
1,3-Dichloropropane	0.411	0.437		6.33	20
2-Hexanone	0.106	0.121		14.15	20
Dibromochloromethane	0.355	0.394		10.99	20
1,2-Dibromoethane	0.242	0.266		9.92	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
Tetrachloroethene	0.472	0.424		-10.17	20
Chlorobenzene	1.118	1.125	0.3	0.63	20
1,1,1,2-Tetrachloroethane	0.394	0.408		3.55	20
Ethyl Benzene	1.829	1.863		1.86	20
m/p-Xylenes	0.728	0.766		5.22	20
o-Xylene	0.671	0.703		4.77	20
Styrene	1.126	1.213		7.73	20
Bromoform	0.229	0.245	0.1	6.99	20
Isopropylbenzene	3.341	3.262		-2.37	20
1,1,2,2-Tetrachloroethane	0.563	0.583	0.3	3.55	20
1,2,3-Trichloropropane	0.428	0.420		-1.87	20
Bromobenzene	0.844	0.834		-1.18	20
n-propylbenzene	3.978	3.933		-1.13	20
2-Chlorotoluene	2.314	2.257		-2.46	20
1,3,5-Trimethylbenzene	2.752	2.778		0.94	20
4-Chlorotoluene	2.405	2.379		-1.08	20
tert-Butylbenzene	2.469	2.498		1.17	20
1,2,4-Trimethylbenzene	2.753	2.837		3.05	20
sec-Butylbenzene	3.612	3.582		-0.83	20
p-Isopropyltoluene	3.067	3.088		0.69	20
1,3-Dichlorobenzene	1.714	1.713		-0.06	20
1,4-Dichlorobenzene	1.698	1.666		-1.88	20
n-Butylbenzene	2.742	2.703		-1.42	20
1,2-Dichlorobenzene	1.495	1.499		0.27	20
1,2-Dibromo-3-Chloropropane	0.090	0.085		-5.56	20
1,2,4-Trichlorobenzene	0.847	0.852		0.59	20
Hexachlorobutadiene	0.521	0.512		-1.73	20
1,2,3-Trichlorobenzene	0.731	0.750		2.6	20
1,2-Dichloroethane-d4	0.462	0.441		-4.55	20
Dibromofluoromethane	0.330	0.337		2.12	20
Toluene-d8	1.245	1.278		2.65	20
4-Bromofluorobenzene	0.419	0.436		4.06	20
trans-1,4-Dichloro-2-butene	0.178	0.177		-0.56	20

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