

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 08:50

Lab File ID: VY022095.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	0.359		-15.73	20
Chloromethane	0.607	0.542	0.1	-10.71	20
Vinyl Chloride	0.745	0.677		-9.13	20
Bromomethane	0.642	0.511		-20.41	20
Chloroethane	0.508	0.454		-10.63	20
Tetrahydrofuran	0.068	0.067		-1.47	20
Trichlorofluoromethane	0.983	0.891		-9.36	20
1,1,2-Trichlorotrifluoroethane	0.533	0.484		-9.19	20
1,1-Dichloroethene	0.497	0.441		-11.27	20
Acrylonitrile	0.094	0.088		-6.38	20
Acetone	0.070	0.062		-11.43	20
Carbon Disulfide	1.585	1.372		-13.44	20
Methyl tert-butyl Ether	1.113	1.031		-7.37	20
Methylene Chloride	0.584	0.488		-16.44	20
trans-1,2-Dichloroethene	0.557	0.508		-8.8	20
1,1-Dichloroethane	0.893	0.788	0.1	-11.76	20
2-Butanone	0.105	0.100		-4.76	20
Carbon Tetrachloride	0.530	0.528		-0.38	20
2,2-Dichloropropane	0.782	0.721		-7.8	20
cis-1,2-Dichloroethene	0.622	0.570		-8.36	20
Chloroform	0.990	0.919		-7.17	20
1,1,1-Trichloroethane	0.896	0.816		-8.93	20
1,1-Dichloropropene	0.444	0.431		-2.93	20
Benzene	1.387	1.370		-1.23	20
1,2-Dichloroethane	0.343	0.348		1.46	20
Trichloroethene	0.384	0.385		0.26	20
1,2-Dichloropropane	0.307	0.304		-0.98	20
Dibromomethane	0.192	0.196		2.08	20
Bromodichloromethane	0.480	0.484		0.83	20
4-Methyl-2-Pentanone	0.160	0.176		10	20
Toluene	0.898	0.925		3.01	20
t-1,3-Dichloropropene	0.411	0.416		1.22	20
cis-1,3-Dichloropropene	0.489	0.484		-1.02	20
1,1,2-Trichloroethane	0.256	0.267		4.3	20
1,3-Dichloropropane	0.411	0.421		2.43	20
2-Hexanone	0.106	0.118		11.32	20
Dibromochloromethane	0.355	0.371		4.51	20
1,2-Dibromoethane	0.242	0.251		3.72	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	0.481		1.91	20
Chlorobenzene	1.118	1.078	0.3	-3.58	20
1,1,1,2-Tetrachloroethane	0.394	0.391		-0.76	20
Ethyl Benzene	1.829	1.811		-0.98	20
m/p-Xylenes	0.728	0.745		2.34	20
o-Xylene	0.671	0.676		0.75	20
Styrene	1.126	1.172		4.09	20
Bromoform	0.229	0.238	0.1	3.93	20
Isopropylbenzene	3.341	3.204		-4.1	20
1,1,2,2-Tetrachloroethane	0.563	0.530	0.3	-5.86	20
1,2,3-Trichloropropane	0.428	0.424		-0.94	20
Bromobenzene	0.844	0.819		-2.96	20
n-propylbenzene	3.978	3.849		-3.24	20
2-Chlorotoluene	2.314	2.194		-5.19	20
1,3,5-Trimethylbenzene	2.752	2.700		-1.89	20
4-Chlorotoluene	2.405	2.304		-4.2	20
tert-Butylbenzene	2.469	2.372		-3.93	20
1,2,4-Trimethylbenzene	2.753	2.737		-0.58	20
sec-Butylbenzene	3.612	3.524		-2.44	20
p-Isopropyltoluene	3.067	3.035		-1.04	20
1,3-Dichlorobenzene	1.714	1.634		-4.67	20
1,4-Dichlorobenzene	1.698	1.606		-5.42	20
n-Butylbenzene	2.742	2.631		-4.05	20
1,2-Dichlorobenzene	1.495	1.427		-4.55	20
1,2-Dibromo-3-Chloropropane	0.090	0.085		-5.56	20
1,2,4-Trichlorobenzene	0.847	0.802		-5.31	20
Hexachlorobutadiene	0.521	0.491		-5.76	20
1,2,3-Trichlorobenzene	0.731	0.697		-4.65	20
1,2-Dichloroethane-d4	0.462	0.431		-6.71	20
Dibromofluoromethane	0.330	0.335		1.51	20
Toluene-d8	1.245	1.270		2.01	20
4-Bromofluorobenzene	0.419	0.427		1.91	20
trans-1,4-Dichloro-2-butene	0.178	0.168		-5.62	20

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