

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG No.: Q1984

Instrument ID: MSVOA_Y Calibration Date/Time: 05/15/2025 19:52

Lab File ID: VY022275.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.522	0.476		-8.81	50
Chloromethane	1.097	1.000	0.1	-8.84	50
Vinyl Chloride	1.226	1.290		5.22	50
Bromomethane	0.998	0.984		-1.4	50
Chloroethane	0.763	0.882		15.6	50
Tetrahydrofuran	0.110	0.111		0.91	50
Trichlorofluoromethane	1.241	1.253		0.97	50
1,1,2-Trichlorotrifluoroethane	0.539	0.521		-3.34	50
1,1-Dichloroethene	0.535	0.527		-1.5	50
Acrylonitrile	0.123	0.126		2.44	50
Acetone	0.102	0.093		-8.82	50
Carbon Disulfide	1.744	1.745		0.06	50
Methyl tert-butyl Ether	1.475	1.518		2.91	50
Methylene Chloride	0.662	0.639		-3.47	50
trans-1,2-Dichloroethene	0.590	0.604		2.37	50
1,1-Dichloroethane	1.106	1.134	0.1	2.53	50
2-Butanone	0.171	0.164		-4.09	50
Carbon Tetrachloride	0.509	0.475		-6.68	50
2,2-Dichloropropane	0.984	0.898		-8.74	50
cis-1,2-Dichloroethene	0.681	0.708		3.96	50
Chloroform	1.061	1.121		5.66	50
1,1,1-Trichloroethane	0.974	0.972		-0.2	50
1,1-Dichloropropene	0.492	0.456		-7.32	50
Benzene	1.457	1.437		-1.37	50
1,2-Dichloroethane	0.394	0.384		-2.54	50
Trichloroethene	0.362	0.353		-2.49	50
1,2-Dichloropropane	0.351	0.343		-2.28	50
Dibromomethane	0.189	0.183		-3.17	50
Bromodichloromethane	0.492	0.491		-0.2	50
4-Methyl-2-Pentanone	0.253	0.238		-5.93	50
Toluene	0.923	0.901		-2.38	50
t-1,3-Dichloropropene	0.480	0.453		-5.63	50
cis-1,3-Dichloropropene	0.550	0.526		-4.36	50
1,1,2-Trichloroethane	0.243	0.237		-2.47	50
1,3-Dichloropropane	0.431	0.421		-2.32	50
2-Hexanone	0.170	0.156		-8.23	50
Dibromochloromethane	0.315	0.308		-2.22	50
1,2-Dibromoethane	0.226	0.219		-3.1	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	0.462	0.442		-4.33	50
Chlorobenzene	1.128	1.086	0.3	-3.72	50
1,1,1,2-Tetrachloroethane	0.388	0.371		-4.38	50
Ethyl Benzene	2.113	2.011		-4.83	50
m/p-Xylenes	0.796	0.759		-4.65	50
o-Xylene	0.753	0.723		-3.98	50
Styrene	1.270	1.231		-3.07	50
Bromoform	0.209	0.197	0.1	-5.74	50
Isopropylbenzene	4.142	3.953		-4.56	50
1,1,2,2-Tetrachloroethane	0.637	0.611	0.3	-4.08	50
1,2,3-Trichloropropane	0.507	0.476		-6.11	50
Bromobenzene	0.885	0.858		-3.05	50
n-propylbenzene	4.996	4.751		-4.9	50
2-Chlorotoluene	2.746	2.622		-4.52	50
1,3,5-Trimethylbenzene	3.344	3.180		-4.9	50
4-Chlorotoluene	2.824	2.685		-4.92	50
tert-Butylbenzene	2.972	2.837		-4.54	50
1,2,4-Trimethylbenzene	3.319	3.171		-4.46	50
sec-Butylbenzene	4.412	4.183		-5.19	50
p-Isopropyltoluene	3.710	3.515		-5.26	50
1,3-Dichlorobenzene	1.806	1.716		-4.98	50
1,4-Dichlorobenzene	1.737	1.667		-4.03	50
n-Butylbenzene	3.510	3.305		-5.84	50
1,2-Dichlorobenzene	1.517	1.476		-2.7	50
1,2-Dibromo-3-Chloropropane	0.103	0.095		-7.77	50
1,2,4-Trichlorobenzene	0.876	0.810		-7.53	50
Hexachlorobutadiene	0.489	0.439		-10.23	50
1,2,3-Trichlorobenzene	0.743	0.688		-7.4	50
1,2-Dichloroethane-d4	0.546	0.589		7.88	50
Dibromofluoromethane	0.298	0.314		5.37	50
Toluene-d8	1.222	1.262		3.27	50
4-Bromofluorobenzene	0.387	0.382		-1.29	50
trans-1,4-Dichloro-2-butene	0.250	0.210		-16	50

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