

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: 05/16/2025 19:29

Lab File ID: VY022301.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	0.483		-7.47	50
Chloromethane	1.097	1.147	0.1	4.56	50
Vinyl Chloride	1.226	1.544		25.94	50
Bromomethane	0.998	1.277		27.96	50
Chloroethane	0.763	1.076		41.02	50
Tetrahydrofuran	0.110	0.128		16.36	50
Trichlorofluoromethane	1.241	1.357		9.35	50
1,1,2-Trichlorotrifluoroethane	0.539	0.542		0.56	50
1,1-Dichloroethene	0.535	0.568		6.17	50
Acrylonitrile	0.123	0.144		17.07	50
Acetone	0.102	0.107		4.9	50
Carbon Disulfide	1.744	1.831		4.99	50
Methyl tert-butyl Ether	1.475	1.709		15.86	50
Methylene Chloride	0.662	0.663		0.15	50
trans-1,2-Dichloroethene	0.590	0.634		7.46	50
1,1-Dichloroethane	1.106	1.195	0.1	8.05	50
2-Butanone	0.171	0.188		9.94	50
Carbon Tetrachloride	0.509	0.491		-3.54	50
2,2-Dichloropropane	0.984	0.912		-7.32	50
cis-1,2-Dichloroethene	0.681	0.762		11.89	50
Chloroform	1.061	1.195		12.63	50
1,1,1-Trichloroethane	0.974	1.018		4.52	50
1,1-Dichloropropene	0.492	0.477		-3.05	50
Benzene	1.457	1.513		3.84	50
1,2-Dichloroethane	0.394	0.420		6.6	50
Trichloroethene	0.362	0.367		1.38	50
1,2-Dichloropropane	0.351	0.361		2.85	50
Dibromomethane	0.189	0.204		7.94	50
Bromodichloromethane	0.492	0.517		5.08	50
4-Methyl-2-Pentanone	0.253	0.274		8.3	50
Toluene	0.923	0.944		2.28	50
t-1,3-Dichloropropene	0.480	0.488		1.67	50
cis-1,3-Dichloropropene	0.550	0.562		2.18	50
1,1,2-Trichloroethane	0.243	0.259		6.58	50
1,3-Dichloropropane	0.431	0.460		6.73	50
2-Hexanone	0.170	0.180		5.88	50
Dibromochloromethane	0.315	0.336		6.67	50
1,2-Dibromoethane	0.226	0.245		8.41	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	0.445		-3.68	50
Chlorobenzene	1.128	1.135	0.3	0.62	50
1,1,1,2-Tetrachloroethane	0.388	0.392		1.03	50
Ethyl Benzene	2.113	2.099		-0.66	50
m/p-Xylenes	0.796	0.792		-0.5	50
o-Xylene	0.753	0.763		1.33	50
Styrene	1.270	1.302		2.52	50
Bromoform	0.209	0.221	0.1	5.74	50
Isopropylbenzene	4.142	4.079		-1.52	50
1,1,2,2-Tetrachloroethane	0.637	0.693	0.3	8.79	50
1,2,3-Trichloropropane	0.507	0.501		-1.18	50
Bromobenzene	0.885	0.901		1.81	50
n-propylbenzene	4.996	4.955		-0.82	50
2-Chlorotoluene	2.746	2.732		-0.51	50
1,3,5-Trimethylbenzene	3.344	3.268		-2.27	50
4-Chlorotoluene	2.824	2.781		-1.52	50
tert-Butylbenzene	2.972	2.973		0.03	50
1,2,4-Trimethylbenzene	3.319	3.318		-0.03	50
sec-Butylbenzene	4.412	4.337		-1.7	50
p-Isopropyltoluene	3.710	3.622		-2.37	50
1,3-Dichlorobenzene	1.806	1.806		0	50
1,4-Dichlorobenzene	1.737	1.755		1.04	50
n-Butylbenzene	3.510	3.408		-2.91	50
1,2-Dichlorobenzene	1.517	1.559		2.77	50
1,2-Dibromo-3-Chloropropane	0.103	0.109		5.82	50
1,2,4-Trichlorobenzene	0.876	0.867		-1.03	50
Hexachlorobutadiene	0.489	0.456		-6.75	50
1,2,3-Trichlorobenzene	0.743	0.751		1.08	50
1,2-Dichloroethane-d4	0.546	0.621		13.74	50
Dibromofluoromethane	0.298	0.318		6.71	50
Toluene-d8	1.222	1.278		4.58	50
4-Bromofluorobenzene	0.387	0.394		1.81	50
trans-1,4-Dichloro-2-butene	0.250	0.231		-7.6	50

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