

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: MSVOA_Y Calibration Date/Time: 04/07/2025 17:29

Lab File ID: VY021804.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.486		-6.18	50
Chloromethane	0.729	0.668	0.1	-8.37	50
Vinyl Chloride	0.824	0.769		-6.68	50
Bromomethane	0.562	0.488		-13.17	50
Chloroethane	0.539	0.505		-6.31	50
Tetrahydrofuran	0.102	0.105		2.94	50
Trichlorofluoromethane	1.056	1.001		-5.21	50
1,1,2-Trichlorotrifluoroethane	0.557	0.547		-1.79	50
1,1-Dichloroethene	0.524	0.518		-1.14	50
Acrylonitrile	0.120	0.121		0.83	50
Acetone	0.111	0.093		-16.22	50
Carbon Disulfide	1.727	1.613		-6.6	50
Methyl tert-butyl Ether	1.306	1.345		2.99	50
Methylene Chloride	0.626	0.578		-7.67	50
trans-1,2-Dichloroethene	0.577	0.571		-1.04	50
1,1-Dichloroethane	1.049	1.045	0.1	-0.38	50
2-Butanone	0.158	0.154		-2.53	50
Carbon Tetrachloride	0.566	0.589		4.06	50
2,2-Dichloropropane	0.933	0.906		-2.89	50
cis-1,2-Dichloroethene	0.649	0.656		1.08	50
Chloroform	1.091	1.097		0.55	50
1,1,1-Trichloroethane	0.986	0.986		0	50
1,1-Dichloropropene	0.494	0.512		3.64	50
Benzene	1.479	1.535		3.79	50
1,2-Dichloroethane	0.417	0.440		5.52	50
Trichloroethene	0.377	0.451		19.63	50
1,2-Dichloropropane	0.350	0.369		5.43	50
Dibromomethane	0.202	0.213		5.45	50
Bromodichloromethane	0.523	0.546		4.4	50
4-Methyl-2-Pentanone	0.230	0.257		11.74	50
Toluene	0.923	0.988		7.04	50
t-1,3-Dichloropropene	0.465	0.485		4.3	50
cis-1,3-Dichloropropene	0.548	0.574		4.74	50
1,1,2-Trichloroethane	0.260	0.280		7.69	50
1,3-Dichloropropane	0.449	0.487		8.46	50
2-Hexanone	0.153	0.171		11.77	50
Dibromochloromethane	0.355	0.377		6.2	50
1,2-Dibromoethane	0.244	0.266		9.02	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	0.455	0.605		32.97	50
Chlorobenzene	1.146	1.183	0.3	3.23	50
1,1,1,2-Tetrachloroethane	0.407	0.417		2.46	50
Ethyl Benzene	1.965	2.093		6.51	50
m/p-Xylenes	0.753	0.801		6.38	50
o-Xylene	0.695	0.750		7.91	50
Styrene	1.158	1.276		10.19	50
Bromoform	0.232	0.246	0.1	6.03	50
Isopropylbenzene	3.714	3.703		-0.3	50
1,1,2,2-Tetrachloroethane	0.668	0.410	0.3	-38.62	50
1,2,3-Trichloropropane	0.496	0.497		0.2	50
Bromobenzene	0.892	0.883		-1.01	50
n-propylbenzene	4.465	4.487		0.49	50
2-Chlorotoluene	2.593	2.553		-1.54	50
1,3,5-Trimethylbenzene	3.035	3.061		0.86	50
4-Chlorotoluene	2.704	2.654		-1.85	50
tert-Butylbenzene	2.703	2.689		-0.52	50
1,2,4-Trimethylbenzene	3.000	3.087		2.9	50
sec-Butylbenzene	3.951	3.983		0.81	50
p-Isopropyltoluene	3.265	3.368		3.15	50
1,3-Dichlorobenzene	1.757	1.733		-1.42	50
1,4-Dichlorobenzene	1.736	1.716		-1.15	50
n-Butylbenzene	3.020	3.106		2.85	50
1,2-Dichlorobenzene	1.529	1.532		0.2	50
1,2-Dibromo-3-Chloropropane	0.103	0.105		1.94	50
1,2,4-Trichlorobenzene	0.829	0.905		9.17	50
Hexachlorobutadiene	0.518	0.536		3.47	50
1,2,3-Trichlorobenzene	0.707	0.788		11.46	50
1,2-Dichloroethane-d4	0.542	0.545		0.55	50
Dibromofluoromethane	0.324	0.290		-10.49	50
Toluene-d8	1.234	1.291		4.62	50
4-Bromofluorobenzene	0.417	0.453		8.63	50
trans-1,4-Dichloro-2-butene	0.215	0.200		-6.98	50

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