

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: 04/04/2025 17:44

Lab File ID: VY021792.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	0.359		-30.69	50
Chloromethane	0.729	0.553	0.1	-24.14	50
Vinyl Chloride	0.824	0.666		-19.17	50
Bromomethane	0.562	0.462		-17.79	50
Chloroethane	0.539	0.475		-11.87	50
Tetrahydrofuran	0.102	0.108		5.88	50
Trichlorofluoromethane	1.056	0.967		-8.43	50
1,1,2-Trichlorotrifluoroethane	0.557	0.556		-0.18	50
1,1-Dichloroethene	0.524	0.478		-8.78	50
Acrylonitrile	0.120	0.128		6.67	50
Acetone	0.111	0.096		-13.51	50
Carbon Disulfide	1.727	1.311		-24.09	50
Methyl tert-butyl Ether	1.306	1.331		1.91	50
Methylene Chloride	0.626	0.578		-7.67	50
trans-1,2-Dichloroethene	0.577	0.545		-5.55	50
1,1-Dichloroethane	1.049	1.054	0.1	0.48	50
2-Butanone	0.158	0.160		1.27	50
Carbon Tetrachloride	0.566	0.580		2.47	50
2,2-Dichloropropane	0.933	0.866		-7.18	50
cis-1,2-Dichloroethene	0.649	0.653		0.62	50
Chloroform	1.091	1.124		3.03	50
1,1,1-Trichloroethane	0.986	1.000		1.42	50
1,1-Dichloropropene	0.494	0.494		0	50
Benzene	1.479	1.511		2.16	50
1,2-Dichloroethane	0.417	0.432		3.6	50
Trichloroethene	0.377	0.391		3.71	50
1,2-Dichloropropane	0.350	0.374		6.86	50
Dibromomethane	0.202	0.216		6.93	50
Bromodichloromethane	0.523	0.563		7.65	50
4-Methyl-2-Pentanone	0.230	0.263		14.35	50
Toluene	0.923	0.970		5.09	50
t-1,3-Dichloropropene	0.465	0.492		5.81	50
cis-1,3-Dichloropropene	0.548	0.567		3.47	50
1,1,2-Trichloroethane	0.260	0.292		12.31	50
1,3-Dichloropropane	0.449	0.485		8.02	50
2-Hexanone	0.153	0.177		15.69	50
Dibromochloromethane	0.355	0.400		12.68	50
1,2-Dibromoethane	0.244	0.265		8.61	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	0.465		2.2	50
Chlorobenzene	1.146	1.161	0.3	1.31	50
1,1,1,2-Tetrachloroethane	0.407	0.425		4.42	50
Ethyl Benzene	1.965	2.034		3.51	50
m/p-Xylenes	0.753	0.777		3.19	50
o-Xylene	0.695	0.730		5.04	50
Styrene	1.158	1.252		8.12	50
Bromoform	0.232	0.252	0.1	8.62	50
Isopropylbenzene	3.714	3.458		-6.89	50
1,1,2,2-Tetrachloroethane	0.668	0.613	0.3	-8.23	50
1,2,3-Trichloropropane	0.496	0.461		-7.06	50
Bromobenzene	0.892	0.813		-8.86	50
n-propylbenzene	4.465	4.246		-4.91	50
2-Chlorotoluene	2.593	2.381		-8.18	50
1,3,5-Trimethylbenzene	3.035	2.858		-5.83	50
4-Chlorotoluene	2.704	2.492		-7.84	50
tert-Butylbenzene	2.703	2.600		-3.81	50
1,2,4-Trimethylbenzene	3.000	2.878		-4.07	50
sec-Butylbenzene	3.951	3.849		-2.58	50
p-Isopropyltoluene	3.265	3.199		-2.02	50
1,3-Dichlorobenzene	1.757	1.648		-6.2	50
1,4-Dichlorobenzene	1.736	1.619		-6.74	50
n-Butylbenzene	3.020	2.961		-1.95	50
1,2-Dichlorobenzene	1.529	1.448		-5.3	50
1,2-Dibromo-3-Chloropropane	0.103	0.101		-1.94	50
1,2,4-Trichlorobenzene	0.829	0.830		0.12	50
Hexachlorobutadiene	0.518	0.526		1.54	50
1,2,3-Trichlorobenzene	0.707	0.730		3.25	50
1,2-Dichloroethane-d4	0.542	0.534		-1.48	50
Dibromofluoromethane	0.324	0.335		3.39	50
Toluene-d8	1.234	1.224		-0.81	50
4-Bromofluorobenzene	0.417	0.451		8.15	50
trans-1,4-Dichloro-2-butene	0.215	0.185		-13.95	50

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