

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259 SDG No.: Q2259

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 09:59

Lab File ID: VY022652.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.400		-10.71	20
Chloromethane	1.322	1.372	0.1	3.78	20
Vinyl Chloride	1.534	1.715		11.8	20
Bromomethane	1.470	1.318		-10.34	20
Chloroethane	1.053	1.122		6.55	20
Tetrahydrofuran	0.106	0.101		-4.72	20
Trichlorofluoromethane	1.302	1.417		8.83	20
1,1,2-Trichlorotrifluoroethane	0.549	0.546		-0.55	20
1,1-Dichloroethene	0.524	0.510		-2.67	20
Acrylonitrile	0.124	0.123		-0.81	20
Acetone	0.114	0.097		-14.91	20
Carbon Disulfide	1.679	1.592		-5.18	20
Methyl tert-butyl Ether	1.477	1.440		-2.51	20
Methylene Chloride	0.645	0.603		-6.51	20
trans-1,2-Dichloroethene	0.587	0.581		-1.02	20
1,1-Dichloroethane	1.079	1.099	0.1	1.85	20
2-Butanone	0.164	0.155		-5.49	20
Carbon Tetrachloride	0.497	0.510		2.62	20
2,2-Dichloropropane	0.954	0.951		-0.31	20
cis-1,2-Dichloroethene	0.678	0.683		0.74	20
Chloroform	1.069	1.111		3.93	20
1,1,1-Trichloroethane	0.949	0.973		2.53	20
1,1-Dichloropropene	0.484	0.483		-0.21	20
Benzene	1.431	1.466		2.45	20
1,2-Dichloroethane	0.391	0.400		2.3	20
Trichloroethene	0.350	0.369		5.43	20
1,2-Dichloropropane	0.338	0.348		2.96	20
Dibromomethane	0.190	0.199		4.74	20
Bromodichloromethane	0.482	0.509		5.6	20
4-Methyl-2-Pentanone	0.233	0.231		-0.86	20
Toluene	0.899	0.932		3.67	20
t-1,3-Dichloropropene	0.452	0.468		3.54	20
cis-1,3-Dichloropropene	0.526	0.538		2.28	20
1,1,2-Trichloroethane	0.243	0.246		1.24	20
1,3-Dichloropropane	0.430	0.438		1.86	20
2-Hexanone	0.156	0.151		-3.2	20
Dibromochloromethane	0.308	0.320		3.9	20
1,2-Dibromoethane	0.221	0.228		3.17	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	0.430	0.499		16.05	20
Chlorobenzene	1.106	1.154	0.3	4.34	20
1,1,1,2-Tetrachloroethane	0.373	0.389		4.29	20
Ethyl Benzene	2.052	2.116		3.12	20
m/p-Xylenes	0.778	0.799		2.7	20
o-Xylene	0.729	0.761		4.39	20
Styrene	1.206	1.258		4.31	20
Bromoform	0.198	0.200	0.1	1.01	20
Isopropylbenzene	4.105	4.205		2.41	20
1,1,2,2-Tetrachloroethane	0.674	0.637	0.3	-5.49	20
1,2,3-Trichloropropane	0.572	0.491		-14.16	20
Bromobenzene	0.866	0.870		0.46	20
n-propylbenzene	5.014	5.099		1.7	20
2-Chlorotoluene	2.657	2.685		1.05	20
1,3,5-Trimethylbenzene	3.223	3.289		2.05	20
4-Chlorotoluene	2.741	2.744		0.11	20
tert-Butylbenzene	2.893	2.942		1.69	20
1,2,4-Trimethylbenzene	3.223	3.257		1.05	20
sec-Butylbenzene	4.430	4.483		1.2	20
p-Isopropyltoluene	3.652	3.744		2.52	20
1,3-Dichlorobenzene	1.755	1.803		2.73	20
1,4-Dichlorobenzene	1.702	1.701		-0.06	20
n-Butylbenzene	3.464	3.515		1.47	20
1,2-Dichlorobenzene	1.490	1.547		3.83	20
1,2-Dibromo-3-Chloropropane	0.098	0.097		-1.02	20
1,2,4-Trichlorobenzene	0.813	0.809		-0.49	20
Hexachlorobutadiene	0.449	0.458		2	20
1,2,3-Trichlorobenzene	0.697	0.687		-1.43	20
1,2-Dichloroethane-d4	0.559	0.596		6.62	20
Dibromofluoromethane	0.298	0.327		9.73	20
Toluene-d8	1.206	1.324		9.78	20
4-Bromofluorobenzene	0.359	0.388		8.08	20
trans-1,4-Dichloro-2-butene	0.237	0.230		-2.95	20

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