

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG No.: Q1382

Instrument ID: MSVOA_Y Calibration Date/Time: 02/21/2025 20:27

Lab File ID: VY021298.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.383		-14.13	50
Chloromethane	0.440	0.524	0.1	19.09	50
Vinyl Chloride	0.443	0.546		23.25	50
Bromomethane	0.274	0.344		25.55	50
Chloroethane	0.263	0.359		36.5	50
Tetrahydrofuran	0.089	0.098		10.11	50
Trichlorofluoromethane	0.806	0.827		2.61	50
1,1,2-Trichlorotrifluoroethane	0.506	0.495		-2.17	50
1,1-Dichloroethene	0.477	0.457		-4.19	50
Acrylonitrile	0.105	0.114		8.57	50
Acetone	0.080	0.085		6.25	50
Carbon Disulfide	1.495	1.277		-14.58	50
Methyl tert-butyl Ether	1.205	1.292		7.22	50
Methylene Chloride	0.497	0.518		4.22	50
trans-1,2-Dichloroethene	0.525	0.511		-2.67	50
1,1-Dichloroethane	0.970	1.067	0.1	10	50
2-Butanone	0.131	0.148		12.98	50
Carbon Tetrachloride	0.555	0.551		-0.72	50
2,2-Dichloropropane	0.898	0.867		-3.45	50
cis-1,2-Dichloroethene	0.604	0.636		5.3	50
Chloroform	0.997	1.097		10.03	50
1,1,1-Trichloroethane	0.927	0.968		4.42	50
1,1-Dichloropropene	0.475	0.471		-0.84	50
Benzene	1.393	1.455		4.45	50
1,2-Dichloroethane	0.386	0.421		9.07	50
Trichloroethene	0.360	0.360		0	50
1,2-Dichloropropane	0.331	0.362		9.37	50
Dibromomethane	0.183	0.192		4.92	50
Bromodichloromethane	0.491	0.537		9.37	50
4-Methyl-2-Pentanone	0.208	0.240		15.39	50
Toluene	0.875	0.933		6.63	50
t-1,3-Dichloropropene	0.441	0.474		7.48	50
cis-1,3-Dichloropropene	0.522	0.559		7.09	50
1,1,2-Trichloroethane	0.237	0.254		7.17	50
1,3-Dichloropropane	0.410	0.446		8.78	50
2-Hexanone	0.134	0.159		18.66	50
Dibromochloromethane	0.333	0.352		5.71	50
1,2-Dibromoethane	0.222	0.230		3.6	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	0.371	0.354		-4.58	50
Chlorobenzene	1.113	1.117	0.3	0.36	50
1,1,1,2-Tetrachloroethane	0.396	0.409		3.28	50
Ethyl Benzene	1.969	2.017		2.44	50
m/p-Xylenes	0.737	0.758		2.85	50
o-Xylene	0.687	0.715		4.08	50
Styrene	1.145	1.227		7.16	50
Bromoform	0.220	0.225	0.1	2.27	50
Isopropylbenzene	3.906	3.741		-4.22	50
1,1,2,2-Tetrachloroethane	0.650	0.624	0.3	-4	50
1,2,3-Trichloropropane	0.454	0.466		2.64	50
Bromobenzene	0.901	0.854		-5.22	50
n-propylbenzene	4.653	4.542		-2.39	50
2-Chlorotoluene	2.665	2.574		-3.41	50
1,3,5-Trimethylbenzene	3.167	3.052		-3.63	50
4-Chlorotoluene	2.715	2.650		-2.39	50
tert-Butylbenzene	2.878	2.809		-2.43	50
1,2,4-Trimethylbenzene	3.096	3.065		-1	50
sec-Butylbenzene	4.143	4.031		-2.7	50
p-Isopropyltoluene	3.442	3.377		-1.89	50
1,3-Dichlorobenzene	1.740	1.705		-2.01	50
1,4-Dichlorobenzene	1.714	1.679		-2.04	50
n-Butylbenzene	3.140	3.158		0.57	50
1,2-Dichlorobenzene	1.510	1.499		-0.73	50
1,2-Dibromo-3-Chloropropane	0.097	0.095		-2.06	50
1,2,4-Trichlorobenzene	0.841	0.859		2.14	50
Hexachlorobutadiene	0.557	0.557		0	50
1,2,3-Trichlorobenzene	0.700	0.735		5	50
1,2-Dichloroethane-d4	0.512	0.555		8.4	50
Dibromofluoromethane	0.320	0.340		6.25	50
Toluene-d8	1.220	1.267		3.85	50
4-Bromofluorobenzene	0.399	0.432		8.27	50
trans-1,4-Dichloro-2-butene	0.222	0.204		-8.11	50

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