

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: 02/19/2025 18:32

Lab File ID: VY021245.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	0.412		-7.62	50
Chloromethane	0.440	0.469	0.1	6.59	50
Vinyl Chloride	0.443	0.496		11.96	50
Bromomethane	0.274	0.311		13.5	50
Chloroethane	0.263	0.322		22.43	50
Tetrahydrofuran	0.089	0.109		22.47	50
Trichlorofluoromethane	0.806	0.844		4.72	50
1,1,2-Trichlorotrifluoroethane	0.506	0.518		2.37	50
1,1-Dichloroethene	0.477	0.484		1.47	50
Acrylonitrile	0.105	0.127		20.95	50
Acetone	0.080	0.095		18.75	50
Carbon Disulfide	1.495	1.357		-9.23	50
Methyl tert-butyl Ether	1.205	1.416		17.51	50
Methylene Chloride	0.497	0.568		14.29	50
trans-1,2-Dichloroethene	0.525	0.540		2.86	50
1,1-Dichloroethane	0.970	1.082	0.1	11.55	50
2-Butanone	0.131	0.161		22.9	50
Carbon Tetrachloride	0.555	0.556		0.18	50
2,2-Dichloropropane	0.898	0.928		3.34	50
cis-1,2-Dichloroethene	0.604	0.666		10.27	50
Chloroform	0.997	1.114		11.73	50
1,1,1-Trichloroethane	0.927	0.983		6.04	50
1,1-Dichloropropene	0.475	0.475		0	50
Benzene	1.393	1.472		5.67	50
1,2-Dichloroethane	0.386	0.422		9.33	50
Trichloroethene	0.360	0.362		0.56	50
1,2-Dichloropropane	0.331	0.367		10.88	50
Dibromomethane	0.183	0.198		8.2	50
Bromodichloromethane	0.491	0.541		10.18	50
4-Methyl-2-Pentanone	0.208	0.254		22.11	50
Toluene	0.875	0.924		5.6	50
t-1,3-Dichloropropene	0.441	0.497		12.7	50
cis-1,3-Dichloropropene	0.522	0.577		10.54	50
1,1,2-Trichloroethane	0.237	0.265		11.81	50
1,3-Dichloropropane	0.410	0.461		12.44	50
2-Hexanone	0.134	0.169		26.12	50
Dibromochloromethane	0.333	0.364		9.31	50
1,2-Dibromoethane	0.222	0.244		9.91	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	0.361		-2.69	50
Chlorobenzene	1.113	1.160	0.3	4.22	50
1,1,1,2-Tetrachloroethane	0.396	0.422		6.57	50
Ethyl Benzene	1.969	2.074		5.33	50
m/p-Xylenes	0.737	0.768		4.21	50
o-Xylene	0.687	0.734		6.84	50
Styrene	1.145	1.245		8.73	50
Bromoform	0.220	0.242	0.1	10	50
Isopropylbenzene	3.906	3.853		-1.36	50
1,1,2,2-Tetrachloroethane	0.650	0.684	0.3	5.23	50
1,2,3-Trichloropropane	0.454	0.484		6.61	50
Bromobenzene	0.901	0.886		-1.66	50
n-propylbenzene	4.653	4.641		-0.26	50
2-Chlorotoluene	2.665	2.666		0.04	50
1,3,5-Trimethylbenzene	3.167	3.146		-0.66	50
4-Chlorotoluene	2.715	2.723		0.29	50
tert-Butylbenzene	2.878	2.897		0.66	50
1,2,4-Trimethylbenzene	3.096	3.140		1.42	50
sec-Butylbenzene	4.143	4.119		-0.58	50
p-Isopropyltoluene	3.442	3.403		-1.13	50
1,3-Dichlorobenzene	1.740	1.731		-0.52	50
1,4-Dichlorobenzene	1.714	1.677		-2.16	50
n-Butylbenzene	3.140	3.167		0.86	50
1,2-Dichlorobenzene	1.510	1.520		0.66	50
1,2-Dibromo-3-Chloropropane	0.097	0.100		3.09	50
1,2,4-Trichlorobenzene	0.841	0.889		5.71	50
Hexachlorobutadiene	0.557	0.550		-1.26	50
1,2,3-Trichlorobenzene	0.700	0.754		7.71	50
1,2-Dichloroethane-d4	0.512	0.533		4.1	50
Dibromofluoromethane	0.320	0.323		0.94	50
Toluene-d8	1.220	1.195		-2.05	50
4-Bromofluorobenzene	0.399	0.423		6.01	50
trans-1,4-Dichloro-2-butene	0.222	0.235		5.86	50

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