

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1531 SAS No.: Q1531 SDG No.: Q1531

Instrument ID: MSVOA_X Calibration Date/Time: 03/10/2025 20:17

Lab File ID: VX045209.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.624		-0.8	50
Chloromethane	0.770	0.740	0.1	-3.9	50
Vinyl Chloride	0.764	0.699		-8.51	50
Bromomethane	0.300	0.304		1.33	50
Chloroethane	0.352	0.384		9.09	50
Trichlorofluoromethane	1.012	1.028		1.58	50
1,1,2-Trichlorotrifluoroethane	0.581	0.625		7.57	50
1,1-Dichloroethene	0.614	0.612		-0.33	50
Acetone	0.369	0.376		1.9	50
Carbon Disulfide	1.636	1.479		-9.6	50
Methyl tert-butyl Ether	2.061	2.209		7.18	50
Methyl Acetate	0.888	1.065		19.93	50
Methylene Chloride	0.731	0.720		-1.5	50
trans-1,2-Dichloroethene	0.607	0.611		0.66	50
1,1-Dichloroethane	1.247	1.300	0.1	4.25	50
Cyclohexane	1.082	1.118		3.33	50
2-Butanone	0.555	0.601		8.29	50
Carbon Tetrachloride	0.465	0.482		3.66	50
cis-1,2-Dichloroethene	0.749	0.765		2.14	50
Bromochloromethane	0.594	0.555		-6.57	50
Chloroform	1.239	1.303		5.16	50
1,1,1-Trichloroethane	1.000	1.051		5.1	50
Methylcyclohexane	0.549	0.592		7.83	50
Benzene	1.448	1.499		3.52	50
1,2-Dichloroethane	0.521	0.569		9.21	50
Trichloroethene	0.340	0.355		4.41	50
1,2-Dichloropropane	0.372	0.392		5.38	50
Bromodichloromethane	0.516	0.564		9.3	50
4-Methyl-2-Pentanone	0.587	0.671		14.31	50
Toluene	0.849	0.895		5.42	50
t-1,3-Dichloropropene	0.431	0.502		16.47	50
cis-1,3-Dichloropropene	0.503	0.577		14.71	50
1,1,2-Trichloroethane	0.350	0.372		6.29	50
2-Hexanone	0.425	0.491		15.53	50
Dibromochloromethane	0.366	0.406		10.93	50
1,2-Dibromoethane	0.349	0.376		7.74	50
Tetrachloroethene	0.320	0.319		-0.31	50
Chlorobenzene	1.058	1.094	0.3	3.4	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
Ethyl Benzene	1.843	1.948		5.7	50
m/p-Xylenes	0.675	0.720		6.67	50
o-Xylene	0.681	0.716		5.14	50
Styrene	1.101	1.204		9.35	50
Bromoform	0.266	0.297	0.1	11.65	50
Isopropylbenzene	3.903	3.997		2.41	50
1,1,2,2-Tetrachloroethane	1.432	1.463	0.3	2.16	50
1,3-Dichlorobenzene	1.643	1.689		2.8	50
1,4-Dichlorobenzene	1.662	1.683		1.26	50
1,2-Dichlorobenzene	1.648	1.699		3.1	50
1,2-Dibromo-3-Chloropropane	0.279	0.298		6.81	50
1,2,4-Trichlorobenzene	0.938	0.975		3.94	50
1,2,3-Trichlorobenzene	0.990	1.017		2.73	50
1,2-Dichloroethane-d4	0.795	0.855		7.55	50
Dibromofluoromethane	0.334	0.362		8.38	50
Toluene-d8	1.212	1.265		4.37	50
4-Bromofluorobenzene	0.402	0.448		11.44	50

All other compounds must meet a minimum RRF of 0.010.
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