

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: 03/12/2025 10:58

Lab File ID: VX045238.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	0.623		-0.95	20
Chloromethane	0.770	0.686	0.1	-10.91	20
Vinyl Chloride	0.764	0.686		-10.21	20
Bromomethane	0.300	0.278		-7.33	20
Chloroethane	0.352	0.332		-5.68	20
Trichlorofluoromethane	1.012	0.980		-3.16	20
1,1,2-Trichlorotrifluoroethane	0.581	0.630		8.43	20
1,1-Dichloroethene	0.614	0.599		-2.44	20
Acetone	0.369	0.345		-6.5	20
Carbon Disulfide	1.636	1.414		-13.57	20
Methyl tert-butyl Ether	2.061	2.012		-2.38	20
Methyl Acetate	0.888	1.013		14.08	20
Methylene Chloride	0.731	0.691		-5.47	20
trans-1,2-Dichloroethene	0.607	0.596		-1.81	20
1,1-Dichloroethane	1.247	1.215	0.1	-2.57	20
Cyclohexane	1.082	1.062		-1.85	20
2-Butanone	0.555	0.558		0.54	20
Carbon Tetrachloride	0.465	0.482		3.66	20
cis-1,2-Dichloroethene	0.749	0.743		-0.8	20
Bromochloromethane	0.594	0.588		-1.01	20
Chloroform	1.239	1.231		-0.65	20
1,1,1-Trichloroethane	1.000	0.992		-0.8	20
Methylcyclohexane	0.549	0.607		10.56	20
Benzene	1.448	1.476		1.93	20
1,2-Dichloroethane	0.521	0.550		5.57	20
Trichloroethene	0.340	0.350		2.94	20
1,2-Dichloropropane	0.372	0.378		1.61	20
Bromodichloromethane	0.516	0.551		6.78	20
4-Methyl-2-Pentanone	0.587	0.627		6.81	20
Toluene	0.849	0.884		4.12	20
t-1,3-Dichloropropene	0.431	0.489		13.46	20
cis-1,3-Dichloropropene	0.503	0.560		11.33	20
1,1,2-Trichloroethane	0.350	0.360		2.86	20
2-Hexanone	0.425	0.450		5.88	20
Dibromochloromethane	0.366	0.392		7.1	20
1,2-Dibromoethane	0.349	0.365		4.59	20
Tetrachloroethene	0.320	0.335		4.69	20
Chlorobenzene	1.058	1.098	0.3	3.78	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
Ethyl Benzene	1.843	1.969		6.84	20
m/p-Xylenes	0.675	0.729		8	20
o-Xylene	0.681	0.719		5.58	20
Styrene	1.101	1.194		8.45	20
Bromoform	0.266	0.281	0.1	5.64	20
Isopropylbenzene	3.903	4.189		7.33	20
1,1,2,2-Tetrachloroethane	1.432	1.430	0.3	-0.14	20
1,3-Dichlorobenzene	1.643	1.719		4.63	20
1,4-Dichlorobenzene	1.662	1.666		0.24	20
1,2-Dichlorobenzene	1.648	1.691		2.61	20
1,2-Dibromo-3-Chloropropane	0.279	0.292		4.66	20
1,2,4-Trichlorobenzene	0.938	1.031		9.91	20
1,2,3-Trichlorobenzene	0.990	1.071		8.18	20
1,2-Dichloroethane-d4	0.795	0.751		-5.53	20
Dibromofluoromethane	0.334	0.337		0.9	20
Toluene-d8	1.212	1.179		-2.72	20
4-Bromofluorobenzene	0.402	0.405		0.75	20

All other compounds must meet a minimum RRF of 0.010.
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