

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 17:41

Lab File ID: VX045255.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	0.617		-1.91	50
Chloromethane	0.770	0.716	0.1	-7.01	50
Vinyl Chloride	0.764	0.685		-10.34	50
Bromomethane	0.300	0.303		1	50
Chloroethane	0.352	0.378		7.39	50
Trichlorofluoromethane	1.012	1.023		1.09	50
1,1,2-Trichlorotrifluoroethane	0.581	0.634		9.12	50
1,1-Dichloroethene	0.614	0.615		0.16	50
Acetone	0.369	0.383		3.79	50
Carbon Disulfide	1.636	1.424		-12.96	50
Methyl tert-butyl Ether	2.061	2.128		3.25	50
Methyl Acetate	0.888	1.055		18.81	50
Methylene Chloride	0.731	0.732		0.14	50
trans-1,2-Dichloroethene	0.607	0.616		1.48	50
1,1-Dichloroethane	1.247	1.296	0.1	3.93	50
Cyclohexane	1.082	1.095		1.2	50
2-Butanone	0.555	0.601		8.29	50
Carbon Tetrachloride	0.465	0.490		5.38	50
cis-1,2-Dichloroethene	0.749	0.770		2.8	50
Bromochloromethane	0.594	0.594		0	50
Chloroform	1.239	1.288		3.95	50
1,1,1-Trichloroethane	1.000	1.053		5.3	50
Methylcyclohexane	0.549	0.605		10.2	50
Benzene	1.448	1.521		5.04	50
1,2-Dichloroethane	0.521	0.576		10.56	50
Trichloroethene	0.340	0.352		3.53	50
1,2-Dichloropropane	0.372	0.384		3.23	50
Bromodichloromethane	0.516	0.572		10.85	50
4-Methyl-2-Pentanone	0.587	0.664		13.12	50
Toluene	0.849	0.928		9.31	50
t-1,3-Dichloropropene	0.431	0.499		15.78	50
cis-1,3-Dichloropropene	0.503	0.580		15.31	50
1,1,2-Trichloroethane	0.350	0.380		8.57	50
2-Hexanone	0.425	0.480		12.94	50
Dibromochloromethane	0.366	0.410		12.02	50
1,2-Dibromoethane	0.349	0.379		8.6	50
Tetrachloroethene	0.320	0.332		3.75	50
Chlorobenzene	1.058	1.108	0.3	4.73	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	2.008		8.95	50
m/p-Xylenes	0.675	0.740		9.63	50
o-Xylene	0.681	0.741		8.81	50
Styrene	1.101	1.227		11.44	50
Bromoform	0.266	0.284	0.1	6.77	50
Isopropylbenzene	3.903	4.390		12.48	50
1,1,2,2-Tetrachloroethane	1.432	1.462	0.3	2.1	50
1,3-Dichlorobenzene	1.643	1.759		7.06	50
1,4-Dichlorobenzene	1.662	1.748		5.17	50
1,2-Dichlorobenzene	1.648	1.740		5.58	50
1,2-Dibromo-3-Chloropropane	0.279	0.301		7.89	50
1,2,4-Trichlorobenzene	0.938	1.020		8.74	50
1,2,3-Trichlorobenzene	0.990	1.039		4.95	50
1,2-Dichloroethane-d4	0.795	0.851		7.04	50
Dibromofluoromethane	0.334	0.366		9.58	50
Toluene-d8	1.212	1.297		7.01	50
4-Bromofluorobenzene	0.402	0.461		14.68	50

All other compounds must meet a minimum RRF of 0.010.
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