

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2299 SAS No.: Q2299 SDG No.: Q2299

Instrument ID: MSVOA_N Calibration Date/Time: 06/16/2025 19:49

Lab File ID: VN087043.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.611		22.44	50
Chloromethane	0.644	0.659	0.1	2.33	50
Vinyl Chloride	0.664	0.837		26.05	50
Bromomethane	0.372	0.397		6.72	50
Chloroethane	0.429	0.533		24.24	50
Trichlorofluoromethane	0.868	1.056		21.66	50
1,1,2-Trichlorotrifluoroethane	0.545	0.653		19.82	50
1,1-Dichloroethene	0.557	0.678		21.72	50
Acetone	0.355	0.368		3.66	50
Carbon Disulfide	1.539	1.992		29.43	50
Methyl tert-butyl Ether	2.015	2.394		18.81	50
Methyl Acetate	1.035	0.991		-4.25	50
Methylene Chloride	0.665	0.773		16.24	50
trans-1,2-Dichloroethene	0.619	0.729		17.77	50
1,1-Dichloroethane	1.120	1.326	0.1	18.39	50
Cyclohexane	1.086	1.164		7.18	50
2-Butanone	0.577	0.613		6.24	50
Carbon Tetrachloride	0.433	0.529		22.17	50
cis-1,2-Dichloroethene	0.740	0.882		19.19	50
Bromochloromethane	0.550	0.535		-2.73	50
Chloroform	1.118	1.303		16.55	50
1,1,1-Trichloroethane	0.951	1.097		15.35	50
Methylcyclohexane	0.605	0.644		6.45	50
Benzene	1.444	1.745		20.84	50
1,2-Dichloroethane	0.438	0.521		18.95	50
Trichloroethene	0.342	0.421		23.1	50
1,2-Dichloropropane	0.351	0.424		20.8	50
Bromodichloromethane	0.480	0.582		21.25	50
4-Methyl-2-Pentanone	0.543	0.624		14.92	50
Toluene	0.882	1.069		21.2	50
t-1,3-Dichloropropene	0.537	0.656		22.16	50
cis-1,3-Dichloropropene	0.574	0.703		22.47	50
1,1,2-Trichloroethane	0.340	0.415		22.06	50
2-Hexanone	0.350	0.420		20	50
Dibromochloromethane	0.354	0.445		25.71	50
1,2-Dibromoethane	0.348	0.434		24.71	50
Tetrachloroethene	0.316	0.376		18.99	50
Chlorobenzene	1.103	1.335	0.3	21.03	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	1.900	2.254		18.63	50
m/p-Xylenes	0.727	0.890		22.42	50
o-Xylene	0.696	0.866		24.42	50
Styrene	1.192	1.473		23.57	50
Bromoform	0.263	0.345	0.1	31.18	50
Isopropylbenzene	3.643	4.119		13.07	50
1,1,2,2-Tetrachloroethane	1.234	1.473	0.3	19.37	50
1,3-Dichlorobenzene	1.644	1.944		18.25	50
1,4-Dichlorobenzene	1.676	1.976		17.9	50
1,2-Dichlorobenzene	1.579	1.878		18.94	50
1,2-Dibromo-3-Chloropropane	0.295	0.328		11.19	50
1,2,4-Trichlorobenzene	1.008	1.049		4.07	50
1,2,3-Trichlorobenzene	1.002	1.002		0	50
1,2-Dichloroethane-d4	0.669	0.672		0.45	50
Dibromofluoromethane	0.296	0.322		8.78	50
Toluene-d8	1.173	1.201		2.39	50
4-Bromofluorobenzene	0.436	0.459		5.28	50

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