

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: 06/17/2025 09:25

Lab File ID: VN087045.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	0.589		18.04	20
Chloromethane	0.644	0.606	0.1	-5.9	20
Vinyl Chloride	0.664	0.787		18.52	20
Bromomethane	0.372	0.356		-4.3	20
Chloroethane	0.429	0.494		15.15	20
Trichlorofluoromethane	0.868	1.010		16.36	20
1,1,2-Trichlorotrifluoroethane	0.545	0.630		15.6	20
1,1-Dichloroethene	0.557	0.639		14.72	20
Acetone	0.355	0.377		6.2	20
Carbon Disulfide	1.539	1.891		22.87	20
Methyl tert-butyl Ether	2.015	2.142		6.3	20
Methyl Acetate	1.035	0.892		-13.82	20
Methylene Chloride	0.665	0.719		8.12	20
trans-1,2-Dichloroethene	0.619	0.683		10.34	20
1,1-Dichloroethane	1.120	1.224	0.1	9.29	20
Cyclohexane	1.086	1.096		0.92	20
2-Butanone	0.577	0.533		-7.63	20
Carbon Tetrachloride	0.433	0.499		15.24	20
cis-1,2-Dichloroethene	0.740	0.822		11.08	20
Bromochloromethane	0.550	0.446		-18.91	20
Chloroform	1.118	1.212		8.41	20
1,1,1-Trichloroethane	0.951	1.020		7.26	20
Methylcyclohexane	0.605	0.619		2.31	20
Benzene	1.444	1.635		13.23	20
1,2-Dichloroethane	0.438	0.487		11.19	20
Trichloroethene	0.342	0.394		15.2	20
1,2-Dichloropropane	0.351	0.393		11.97	20
Bromodichloromethane	0.480	0.543		13.13	20
4-Methyl-2-Pentanone	0.543	0.560		3.13	20
Toluene	0.882	1.011		14.63	20
t-1,3-Dichloropropene	0.537	0.611		13.78	20
cis-1,3-Dichloropropene	0.574	0.657		14.46	20
1,1,2-Trichloroethane	0.340	0.378		11.18	20
2-Hexanone	0.350	0.372		6.29	20
Dibromochloromethane	0.354	0.410		15.82	20
1,2-Dibromoethane	0.348	0.393		12.93	20
Tetrachloroethene	0.316	0.349		10.44	20
Chlorobenzene	1.103	1.212	0.3	9.88	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	1.900	2.062		8.53	20
m/p-Xylenes	0.727	0.826		13.62	20
o-Xylene	0.696	0.785		12.79	20
Styrene	1.192	1.347		13	20
Bromoform	0.263	0.307	0.1	16.73	20
Isopropylbenzene	3.643	3.903		7.14	20
1,1,2,2-Tetrachloroethane	1.234	1.342	0.3	8.75	20
1,3-Dichlorobenzene	1.644	1.804		9.73	20
1,4-Dichlorobenzene	1.676	1.853		10.56	20
1,2-Dichlorobenzene	1.579	1.727		9.37	20
1,2-Dibromo-3-Chloropropane	0.295	0.294		-0.34	20
1,2,4-Trichlorobenzene	1.008	0.978		-2.98	20
1,2,3-Trichlorobenzene	1.002	0.936		-6.59	20
1,2-Dichloroethane-d4	0.669	0.621		-7.18	20
Dibromofluoromethane	0.296	0.308		4.05	20
Toluene-d8	1.173	1.147		-2.22	20
4-Bromofluorobenzene	0.436	0.427		-2.06	20

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