284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2329 SAS No.: Q2329 SDG No.: Q2329

Instrument ID: MSVOA_N Calibration Date/Time: 06/19/2025 18:13

Lab File ID: VN087120.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	0.482		-3.41	50
Chloromethane	0.644	0.526	0.1	-18.32	50
Vinyl Chloride	0.664	0.677		1.96	50
Bromomethane	0.372	0.377		1.34	50
Chloroethane	0.429	0.433		0.93	50
Trichlorofluoromethane	0.868	0.882		1.61	50
1,1,2-Trichlorotrifluoroethane	0.545	0.541		-0.73	50
1,1-Dichloroethene	0.557	0.568		1.98	50
Acetone	0.355	0.293		-17.47	50
Carbon Disulfide	1.539	1.584		2.92	50
Methyl tert-butyl Ether	2.015	1.943		-3.57	50
Methyl Acetate	1.035	0.877		-15.27	50
Methylene Chloride	0.665	0.635		-4.51	50
trans-1,2-Dichloroethene	0.619	0.603		-2.59	50
1,1-Dichloroethane	1.120	1.084	0.1	-3.21	50
Cyclohexane	1.086	0.968		-10.87	50
2-Butanone	0.577	0.489		-15.25	50
Carbon Tetrachloride	0.433	0.436		0.69	50
cis-1,2-Dichloroethene	0.740	0.731		-1.22	50
Bromochloromethane	0.550	0.469		-14.73	50
Chloroform	1.118	1.070		-4.29	50
1,1,1-Trichloroethane	0.951	0.916		-3.68	50
Methylcyclohexane	0.605	0.534		-11.74	50
Benzene	1.444	1.436		-0.55	50
1,2-Dichloroethane	0.438	0.422		-3.65	50
Trichloroethene	0.342	0.352		2.92	50
1,2-Dichloropropane	0.351	0.352		0.28	50
Bromodichloromethane	0.480	0.476		-0.83	50
4-Methyl-2-Pentanone	0.543	0.501		-7.74	50
Toluene	0.882	0.891		1.02	50
t-1,3-Dichloropropene	0.537	0.540		0.56	50
cis-1,3-Dichloropropene	0.574	0.575		0.17	50
1,1,2-Trichloroethane	0.340	0.334		-1.76	50
2-Hexanone	0.350	0.326		-6.86	50
Dibromochloromethane	0.354	0.374		5.65	50
1,2-Dibromoethane	0.348	0.352		1.15	50
Tetrachloroethene	0.316	0.313		-0.95	50
Chlorobenzene	1.103	1.113	0.3	0.91	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	1.856		-2.32	50
m/p-Xylenes	0.727	0.750		3.16	50
o-Xylene	0.696	0.725		4.17	50
Styrene	1.192	1.220		2.35	50
Bromoform	0.263	0.283	0.1	7.61	50
Isopropylbenzene	3.643	3.488		-4.26	50
1,1,2,2-Tetrachloroethane	1.234	1.178	0.3	-4.54	50
1,3-Dichlorobenzene	1.644	1.636		-0.49	50
1,4-Dichlorobenzene	1.676	1.668		-0.48	50
1,2-Dichlorobenzene	1.579	1.538		-2.6	50
1,2-Dibromo-3-Chloropropane	0.295	0.264		-10.51	50
1,2,4-Trichlorobenzene	1.008	0.895		-11.21	50
1,2,3-Trichlorobenzene	1.002	0.856		-14.57	50
1,2-Dichloroethane-d4	0.669	0.621		-7.18	50
Dibromofluoromethane	0.296	0.309		4.39	50
Toluene-d8	1.173	1.157		-1.36	50
4-Bromofluorobenzene	0.436	0.441		1.15	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.