284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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 19:43

Lab File ID: VN087072.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	0.522		4.61	50
Chloromethane	0.644	0.570	0.1	-11.49	50
Vinyl Chloride	0.664	0.724		9.04	50
Bromomethane	0.372	0.372		0	50
Chloroethane	0.429	0.461		7.46	50
Trichlorofluoromethane	0.868	0.926		6.68	50
1,1,2-Trichlorotrifluoroethane	0.545	0.565		3.67	50
1,1-Dichloroethene	0.557	0.599		7.54	50
Acetone	0.355	0.310		-12.68	50
Carbon Disulfide	1.539	1.729		12.35	50
Methyl tert-butyl Ether	2.015	2.049		1.69	50
Methyl Acetate	1.035	0.857		-17.2	50
Methylene Chloride	0.665	0.668		0.45	50
trans-1,2-Dichloroethene	0.619	0.637		2.91	50
1,1-Dichloroethane	1.120	1.150	0.1	2.68	50
Cyclohexane	1.086	0.996		-8.29	50
2-Butanone	0.577	0.516		-10.57	50
Carbon Tetrachloride	0.433	0.449		3.69	50
cis-1,2-Dichloroethene	0.740	0.774		4.59	50
Bromochloromethane	0.550	0.472		-14.18	50
Chloroform	1.118	1.142		2.15	50
1,1,1-Trichloroethane	0.951	0.961		1.05	50
Methylcyclohexane	0.605	0.525		-13.22	50
Benzene	1.444	1.486		2.91	50
1,2-Dichloroethane	0.438	0.437		-0.23	50
Trichloroethene	0.342	0.363		6.14	50
1,2-Dichloropropane	0.351	0.361		2.85	50
Bromodichloromethane	0.480	0.486		1.25	50
4-Methyl-2-Pentanone	0.543	0.513		-5.53	50
Toluene	0.882	0.916		3.86	50
t-1,3-Dichloropropene	0.537	0.548		2.05	50
cis-1,3-Dichloropropene	0.574	0.595		3.66	50
1,1,2-Trichloroethane	0.340	0.348		2.35	50
2-Hexanone	0.350	0.341		-2.57	50
Dibromochloromethane	0.354	0.380		7.34	50
1,2-Dibromoethane	0.348	0.369		6.03	50
Tetrachloroethene	0.316	0.321		1.58	50
Chlorobenzene	1.103	1.160	0.3	5.17	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	1.932		1.68	50
m/p-Xylenes	0.727	0.761		4.68	50
o-Xylene	0.696	0.736		5.75	50
Styrene	1.192	1.265		6.12	50
Bromoform	0.263	0.290	0.1	10.27	50
Isopropylbenzene	3.643	3.620		-0.63	50
1,1,2,2-Tetrachloroethane	1.234	1.264	0.3	2.43	50
1,3-Dichlorobenzene	1.644	1.683		2.37	50
1,4-Dichlorobenzene	1.676	1.712		2.15	50
1,2-Dichlorobenzene	1.579	1.637		3.67	50
1,2-Dibromo-3-Chloropropane	0.295	0.282		-4.41	50
1,2,4-Trichlorobenzene	1.008	0.885		-12.2	50
1,2,3-Trichlorobenzene	1.002	0.861		-14.07	50
1,2-Dichloroethane-d4	0.669	0.576		-13.9	50
Dibromofluoromethane	0.296	0.279		-5.74	50
Toluene-d8	1.173	1.030		-12.19	50
4-Bromofluorobenzene	0.436	0.389		-10.78	50

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