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.: Q2263 SAS No.: Q2263 SDG No.: Q2263

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 21:23

Lab File ID: VN086965.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	0.552		10.62	50
Chloromethane	0.644	0.581	0.1	-9.78	50
Vinyl Chloride	0.664	0.712		7.23	50
Bromomethane	0.372	0.246		-33.87	50
Chloroethane	0.429	0.477		11.19	50
Trichlorofluoromethane	0.868	0.969		11.64	50
1,1,2-Trichlorotrifluoroethane	0.545	0.587		7.71	50
1,1-Dichloroethene	0.557	0.599		7.54	50
Acetone	0.355	0.373		5.07	50
Carbon Disulfide	1.539	1.513		-1.75	50
Methyl tert-butyl Ether	2.015	2.289		13.6	50
Methyl Acetate	1.035	1.207		16.62	50
Methylene Chloride	0.665	0.707		6.32	50
trans-1,2-Dichloroethene	0.619	0.653		5.49	50
1,1-Dichloroethane	1.120	1.255	0.1	12.05	50
Cyclohexane	1.086	1.022		-5.89	50
2-Butanone	0.577	0.628		8.84	50
Carbon Tetrachloride	0.433	0.462		6.7	50
cis-1,2-Dichloroethene	0.740	0.824		11.35	50
Bromochloromethane	0.550	0.630		14.55	50
Chloroform	1.118	1.234		10.38	50
1,1,1-Trichloroethane	0.951	1.024		7.68	50
Methylcyclohexane	0.605	0.540		-10.74	50
Benzene	1.444	1.551		7.41	50
1,2-Dichloroethane	0.438	0.472		7.76	50
Trichloroethene	0.342	0.366		7.02	50
1,2-Dichloropropane	0.351	0.381		8.55	50
Bromodichloromethane	0.480	0.537		11.88	50
4-Methyl-2-Pentanone	0.543	0.610		12.34	50
Toluene	0.882	0.953		8.05	50
t-1,3-Dichloropropene	0.537	0.588		9.5	50
cis-1,3-Dichloropropene	0.574	0.623		8.54	50
1,1,2-Trichloroethane	0.340	0.379		11.47	50
2-Hexanone	0.350	0.405		15.71	50
Dibromochloromethane	0.354	0.407		14.97	50
1,2-Dibromoethane	0.348	0.391		12.36	50
Tetrachloroethene	0.316	0.320		1.27	50
Chlorobenzene	1.103	1.173	0.3	6.35	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	2.012		5.89	50
m/p-Xylenes	0.727	0.775		6.6	50
o-Xylene	0.696	0.766		10.06	50
Styrene	1.192	1.318		10.57	50
Bromoform	0.263	0.313	0.1	19.01	50
Isopropylbenzene	3.643	3.761		3.24	50
1,1,2,2-Tetrachloroethane	1.234	1.414	0.3	14.59	50
1,3-Dichlorobenzene	1.644	1.784		8.52	50
1,4-Dichlorobenzene	1.676	1.781		6.26	50
1,2-Dichlorobenzene	1.579	1.721		8.99	50
1,2-Dibromo-3-Chloropropane	0.295	0.323		9.49	50
1,2,4-Trichlorobenzene	1.008	0.998		-0.99	50
1,2,3-Trichlorobenzene	1.002	0.977		-2.49	50
1,2-Dichloroethane-d4	0.669	0.697		4.18	50
Dibromofluoromethane	0.296	0.314		6.08	50
Toluene-d8	1.173	1.171		-0.17	50
4-Bromofluorobenzene	0.436	0.449		2.98	50

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