284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WOOD06

Lab Code: CHEM Case No.: Q1665 SAS No.: Q1665 SDG No.: Q1665

Instrument ID: MSVOA_L Calibration Date/Time: 04/17/2025 09:44

Lab File ID: VL042349.D Init. Calib. Date(s): 04/17/2025 04/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:44 12:54

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.767	1.658		-6.17	
Ethanol	0.122	0.035		-71.31	
Chloromethane	0.699	0.652		-6.72	
Vinyl Chloride	0.761	0.638		-16.16	
Bromomethane	0.327	0.304		-7.03	
Chloroethane	0.275	0.253		-8	
Tetrahydrofuran	0.461	0.409		-11.28	
Trichlorofluoromethane	1.680	1.567		-6.73	
1,1,2-Trichlorotrifluoroethane	1.374	1.281		-6.77	
Dichlorotetrafluoroethane	1.517	1.432		-5.6	
Bromoethene	0.518	0.490		-5.41	
tert-Butyl alcohol	2.029	1.804		-11.09	
Heptane	2.153	1.884		-12.49	
Isopropyl Alcohol	0.909	0.821		-9.68	
1,1-Dichloroethene	0.642	0.583		-9.19	
Acetone	1.637	1.263		-22.85	
Carbon Disulfide	1.749	1.668		-4.63	
Methyl tert-Butyl Ether	1.070	0.940		-12.15	
Methylene Chloride	0.641	0.498		-22.31	
trans-1,2-Dichloroethene	0.731	0.664		-9.17	
1,1-Dichloroethane	1.388	1.284		-7.49	
Cyclohexane	1.320	1.252		-5.15	
2-Butanone	0.791	0.687		-13.15	
Carbon Tetrachloride	0.905	0.770		-14.92	
cis-1,2-Dichloroethene	1.553	1.459		-6.05	
Chloroform	2.309	2.145		-7.1	
1,1,1-Trichloroethane	2.599	2.274		-12.51	
2,2,4-Trimethylpentane	1.863	1.708		-8.32	
Benzene	1.079	1.002		-7.14	
1,2-Dichloroethane	0.647	0.592		-8.5	
Trichloroethene	0.471	0.395		-16.14	
1,2-Dichloropropane	0.402	0.370		-7.96	
Bromodichloromethane	0.901	0.852		-5.44	
4-Methyl-2-Pentanone	1.314	1.082		-17.66	
Toluene	1.294	1.193		-7.8	
t-1,3-Dichloropropene	0.497	0.459		-7.65	
cis-1,3-Dichloropropene	0.608	0.570		-6.25	
1,1,2-Trichloroethane	0.410	0.376		-8.29	

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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GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dibromochloromethane	0.723	0.679		-6.09	
1,2-Dibromoethane	0.586	0.539		-8.02	
Tetrachloroethene	0.417	0.357		-14.39	
Chlorobenzene	1.040	0.956		-8.08	
Ethyl Benzene	1.981	1.832		-7.52	
m/p-Xylene	1.596	1.456		-8.77	
o-Xylene	1.607	1.442		-10.27	
Styrene	0.767	0.726		-5.35	
Bromoform	0.633	0.616		-2.69	
1,1,2,2-Tetrachloroethane	1.042	0.873		-16.22	
2-Chlorotoluene	1.851	1.695		-8.43	
1,3,5-Trimethylbenzene	1.735	1.517		-12.56	
1,2,4-Trimethylbenzene	2.026	1.671		-17.52	
1,3-Dichlorobenzene	1.053	0.948		-9.97	
1,4-Dichlorobenzene	1.059	0.944		-10.86	
1,2-Dichlorobenzene	1.024	0.904		-11.72	
1,2,4-Trichlorobenzene	1.040	0.905		-12.98	
Hexachloro-1,3-Butadiene	1.034	0.863		-16.54	
1,3-Butadiene	0.783	0.651		-16.86	
Naphthalene	2.423	2.004		-17.29	
4-Ethyltoluene	1.965	1.765		-10.18	
1-Bromo-4-Fluorobenzene	0.822	0.831		1.1	
Hexane	1.633	1.424		-12.8	
Allyl Chloride	1.130	0.973		-13.89	
1,4-Dioxane	220.893	181.866		-17.67	
Methyl Methacrylate	0.486	0.430		-11.52	

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