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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WOOD06

Lab Code: CHEM Case No.: Q1726 SAS No.: Q1726 SDG No.: Q1726

Instrument ID: MSVOA_L Calibration Date/Time: 04/18/2025 10:23

Lab File ID: VL042383.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	1.674		-5.26	30
Ethanol	0.122	0.032		-73.77	30
Chloromethane	0.699	0.624		-10.73	30
Vinyl Chloride	0.761	0.609		-19.97	30
Bromomethane	0.327	0.291		-11.01	30
Chloroethane	0.275	0.243		-11.64	30
Tetrahydrofuran	0.461	0.322		-30.15	30
Trichlorofluoromethane	1.680	1.623		-3.39	30
1,1,2-Trichlorotrifluoroethane	1.374	1.258		-8.44	30
Dichlorotetrafluoroethane	1.517	1.422		-6.26	30
Bromoethene	0.518	0.489		-5.6	30
tert-Butyl alcohol	2.029	1.695		-16.46	30
Heptane	2.153	1.559		-27.59	30
Isopropyl Alcohol	0.909	0.746		-17.93	30
1,1-Dichloroethene	0.642	0.585		-8.88	30
Acetone	1.637	1.266		-22.66	30
Carbon Disulfide	1.749	1.542		-11.84	30
Methyl tert-Butyl Ether	1.070	0.901		-15.79	30
Methylene Chloride	0.641	0.484		-24.49	30
trans-1,2-Dichloroethene	0.731	0.653		-10.67	30
1,1-Dichloroethane	1.388	1.276		-8.07	30
Cyclohexane	1.320	1.145		-13.26	30
2-Butanone	0.791	0.583		-26.3	30
Carbon Tetrachloride	0.905	0.787		-13.04	30
cis-1,2-Dichloroethene	1.553	1.398		-9.98	30
Chloroform	2.309	2.183		-5.46	30
1,1,1-Trichloroethane	2.599	2.364		-9.04	30
2,2,4-Trimethylpentane	1.863	1.374		-26.25	30
Benzene	1.079	0.846		-21.59	30
1,2-Dichloroethane	0.647	0.559		-13.6	30
Trichloroethene	0.471	0.375		-20.38	30
1,2-Dichloropropane	0.402	0.300		-25.37	30
Bromodichloromethane	0.901	0.778		-13.65	30
4-Methyl-2-Pentanone	1.314	0.854		-35.01	30
Toluene	1.294	1.021		-21.1	30
t-1,3-Dichloropropene	0.497	0.385		-22.53	30
cis-1,3-Dichloropropene	0.608	0.470		-22.7	30
1,1,2-Trichloroethane	0.410	0.336		-18.05	30

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	0.646		-10.65	30
1,2-Dibromoethane	0.586	0.489		-16.55	30
Tetrachloroethene	0.417	0.323		-22.54	30
Chlorobenzene	1.040	0.896		-13.85	30
Ethyl Benzene	1.981	1.636		-17.42	30
m/p-Xylene	1.596	1.335		-16.35	30
o-Xylene	1.607	1.332		-17.11	30
Styrene	0.767	0.633		-17.47	30
Bromoform	0.633	0.575		-9.16	30
1,1,2,2-Tetrachloroethane	1.042	0.783		-24.86	30
2-Chlorotoluene	1.851	1.537		-16.96	30
1,3,5-Trimethylbenzene	1.735	1.426		-17.81	30
1,2,4-Trimethylbenzene	2.026	1.579		-22.06	30
1,3-Dichlorobenzene	1.053	0.910		-13.58	30
1,4-Dichlorobenzene	1.059	0.897		-15.3	30
1,2-Dichlorobenzene	1.024	0.896		-12.5	30
1,2,4-Trichlorobenzene	1.040	0.909		-12.6	30
Hexachloro-1,3-Butadiene	1.034	0.937		-9.38	30
1,3-Butadiene	0.783	0.622		-20.56	30
Naphthalene	2.423	1.910		-21.17	30
4-Ethyltoluene	1.965	1.622		-17.45	30
1-Bromo-4-Fluorobenzene	0.822	0.815		-0.85	30
Hexane	1.633	1.305		-20.09	30
Allyl Chloride	1.130	0.934		-17.34	30
1,4-Dioxane	220.893	153.777		-30.38	30
Methyl Methacrylate	0.486	0.345		-29.01	30

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