

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: MSVOA_Y Calibration Date/Time: 05/05/2025 08:46

Lab File ID: VY022145.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.426	0.374		-12.21	20
Chloromethane	0.607	0.536	0.1	-11.7	20
Vinyl Chloride	0.745	0.684		-8.19	20
Bromomethane	0.642	0.532		-17.13	20
Chloroethane	0.508	0.446		-12.2	20
Tetrahydrofuran	0.068	0.067		-1.47	20
Trichlorofluoromethane	0.983	0.903		-8.14	20
1,1,2-Trichlorotrifluoroethane	0.533	0.505		-5.25	20
1,1-Dichloroethene	0.497	0.473		-4.83	20
Acrylonitrile	0.094	0.088		-6.38	20
Acetone	0.070	0.062		-11.43	20
Carbon Disulfide	1.585	1.404		-11.42	20
Methyl tert-butyl Ether	1.113	1.109		-0.36	20
Methylene Chloride	0.584	0.533		-8.73	20
trans-1,2-Dichloroethene	0.557	0.529		-5.03	20
1,1-Dichloroethane	0.893	0.855	0.1	-4.26	20
2-Butanone	0.105	0.100		-4.76	20
Carbon Tetrachloride	0.530	0.540		1.89	20
2,2-Dichloropropane	0.782	0.789		0.89	20
cis-1,2-Dichloroethene	0.622	0.610		-1.93	20
Chloroform	0.990	0.967		-2.32	20
1,1,1-Trichloroethane	0.896	0.869		-3.01	20
1,1-Dichloropropene	0.444	0.447		0.68	20
Benzene	1.387	1.389		0.14	20
1,2-Dichloroethane	0.343	0.354		3.21	20
Trichloroethene	0.384	0.384		0	20
1,2-Dichloropropane	0.307	0.314		2.28	20
Dibromomethane	0.192	0.193		0.52	20
Bromodichloromethane	0.480	0.492		2.5	20
4-Methyl-2-Pentanone	0.160	0.170		6.25	20
Toluene	0.898	0.933		3.9	20
t-1,3-Dichloropropene	0.411	0.427		3.89	20
cis-1,3-Dichloropropene	0.489	0.505		3.27	20
1,1,2-Trichloroethane	0.256	0.265		3.52	20
1,3-Dichloropropane	0.411	0.421		2.43	20
2-Hexanone	0.106	0.113		6.6	20
Dibromochloromethane	0.355	0.363		2.25	20
1,2-Dibromoethane	0.242	0.251		3.72	20

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
Tetrachloroethene	0.472	0.493		4.45	20
Chlorobenzene	1.118	1.132	0.3	1.25	20
1,1,1,2-Tetrachloroethane	0.394	0.398		1.01	20
Ethyl Benzene	1.829	1.898		3.77	20
m/p-Xylenes	0.728	0.757		3.98	20
o-Xylene	0.671	0.703		4.77	20
Styrene	1.126	1.201		6.66	20
Bromoform	0.229	0.228	0.1	-0.44	20
Isopropylbenzene	3.341	3.491		4.49	20
1,1,2,2-Tetrachloroethane	0.563	0.550	0.3	-2.31	20
1,2,3-Trichloropropane	0.428	0.437		2.1	20
Bromobenzene	0.844	0.862		2.13	20
n-propylbenzene	3.978	4.189		5.3	20
2-Chlorotoluene	2.314	2.382		2.94	20
1,3,5-Trimethylbenzene	2.752	2.903		5.49	20
4-Chlorotoluene	2.405	2.497		3.83	20
tert-Butylbenzene	2.469	2.578		4.41	20
1,2,4-Trimethylbenzene	2.753	2.902		5.41	20
sec-Butylbenzene	3.612	3.805		5.34	20
p-Isopropyltoluene	3.067	3.218		4.92	20
1,3-Dichlorobenzene	1.714	1.696		-1.05	20
1,4-Dichlorobenzene	1.698	1.681		-1	20
n-Butylbenzene	2.742	2.863		4.41	20
1,2-Dichlorobenzene	1.495	1.505		0.67	20
1,2-Dibromo-3-Chloropropane	0.090	0.089		-1.11	20
1,2,4-Trichlorobenzene	0.847	0.851		0.47	20
Hexachlorobutadiene	0.521	0.520		-0.19	20
1,2,3-Trichlorobenzene	0.731	0.740		1.23	20
1,2-Dichloroethane-d4	0.462	0.441		-4.55	20
Dibromofluoromethane	0.330	0.325		-1.51	20
Toluene-d8	1.245	1.243		-0.16	20
4-Bromofluorobenzene	0.419	0.427		1.91	20
trans-1,4-Dichloro-2-butene	0.178	0.180		1.12	20

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