

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1936 SAS No.: Q1936 SDG No.: Q1936

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
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
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
Methyl Acetate	0.216	0.234		8.33	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
Cyclohexane	0.763	0.717		-6.03	20
2-Butanone	0.105	0.100		-4.76	20
Carbon Tetrachloride	0.530	0.540		1.89	20
cis-1,2-Dichloroethene	0.622	0.610		-1.93	20
Bromochloromethane	0.347	0.331		-4.61	20
Chloroform	0.990	0.967		-2.32	20
1,1,1-Trichloroethane	0.896	0.869		-3.01	20
Methylcyclohexane	0.558	0.572		2.51	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
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
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
Tetrachloroethene	0.472	0.493		4.45	20
Chlorobenzene	1.118	1.132	0.3	1.25	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
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
1,3-Dichlorobenzene	1.714	1.696		-1.05	20
1,4-Dichlorobenzene	1.698	1.681		-1	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
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

All other compounds must meet a minimum RRF of 0.010.
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