

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG No.: Q1383

Instrument ID: MSVOA_Y Calibration Date/Time: 02/26/2025 20:06

Lab File ID: VY021344.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.474	0.427		-9.92	50
Chloromethane	0.612	0.566	0.1	-7.52	50
Vinyl Chloride	0.601	0.577		-3.99	50
Bromomethane	0.399	0.382		-4.26	50
Chloroethane	0.373	0.374		0.27	50
Tetrahydrofuran	0.107	0.112		4.67	50
Trichlorofluoromethane	0.908	0.871		-4.07	50
1,1,2-Trichlorotrifluoroethane	0.525	0.494		-5.91	50
1,1-Dichloroethene	0.503	0.489		-2.78	50
Acrylonitrile	0.120	0.125		4.17	50
Acetone	0.109	0.098		-10.09	50
Carbon Disulfide	1.671	1.626		-2.69	50
Methyl tert-butyl Ether	1.329	1.439		8.28	50
Methylene Chloride	0.588	0.567		-3.57	50
trans-1,2-Dichloroethene	0.554	0.566		2.17	50
1,1-Dichloroethane	1.040	1.051	0.1	1.06	50
2-Butanone	0.164	0.166		1.22	50
Carbon Tetrachloride	0.554	0.520		-6.14	50
2,2-Dichloropropane	0.944	0.817		-13.45	50
cis-1,2-Dichloroethene	0.632	0.663		4.91	50
Chloroform	1.054	1.085		2.94	50
1,1,1-Trichloroethane	0.960	0.958		-0.21	50
1,1-Dichloropropene	0.492	0.462		-6.1	50
Benzene	1.456	1.421		-2.4	50
1,2-Dichloroethane	0.413	0.419		1.45	50
Trichloroethene	0.364	0.352		-3.3	50
1,2-Dichloropropane	0.350	0.341		-2.57	50
Dibromomethane	0.191	0.193		1.05	50
Bromodichloromethane	0.511	0.511		0	50
4-Methyl-2-Pentanone	0.243	0.248		2.06	50
Toluene	0.904	0.897		-0.77	50
t-1,3-Dichloropropene	0.468	0.465		-0.64	50
cis-1,3-Dichloropropene	0.552	0.534		-3.26	50
1,1,2-Trichloroethane	0.249	0.254		2.01	50
1,3-Dichloropropane	0.438	0.445		1.6	50
2-Hexanone	0.159	0.166		4.4	50
Dibromochloromethane	0.340	0.345		1.47	50
1,2-Dibromoethane	0.236	0.239		1.27	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
Tetrachloroethene	0.378	0.354		-6.35	50
Chlorobenzene	1.122	1.085	0.3	-3.3	50
1,1,1,2-Tetrachloroethane	0.393	0.388		-1.27	50
Ethyl Benzene	1.988	1.913		-3.77	50
m/p-Xylenes	0.748	0.722		-3.48	50
o-Xylene	0.701	0.694		-1	50
Styrene	1.166	1.170		0.26	50
Bromoform	0.225	0.225	0.1	0	50
Isopropylbenzene	3.759	3.702		-1.52	50
1,1,2,2-Tetrachloroethane	0.663	0.666	0.3	0.45	50
1,2,3-Trichloropropane	0.500	0.488		-2.4	50
Bromobenzene	0.874	0.883		1.03	50
n-propylbenzene	4.561	4.370		-4.19	50
2-Chlorotoluene	2.618	2.575		-1.64	50
1,3,5-Trimethylbenzene	3.083	3.024		-1.91	50
4-Chlorotoluene	2.714	2.646		-2.51	50
tert-Butylbenzene	2.785	2.736		-1.76	50
1,2,4-Trimethylbenzene	3.066	3.031		-1.14	50
sec-Butylbenzene	4.068	3.811		-6.32	50
p-Isopropyltoluene	3.397	3.220		-5.21	50
1,3-Dichlorobenzene	1.730	1.669		-3.53	50
1,4-Dichlorobenzene	1.709	1.629		-4.68	50
n-Butylbenzene	3.196	2.914		-8.82	50
1,2-Dichlorobenzene	1.515	1.475		-2.64	50
1,2-Dibromo-3-Chloropropane	0.105	0.107		1.9	50
1,2,4-Trichlorobenzene	0.925	0.861		-6.92	50
Hexachlorobutadiene	0.582	0.503		-13.57	50
1,2,3-Trichlorobenzene	0.781	0.742		-4.99	50
1,2-Dichloroethane-d4	0.567	0.529		-6.7	50
Dibromofluoromethane	0.328	0.298		-9.15	50
Toluene-d8	1.267	1.131		-10.73	50
4-Bromofluorobenzene	0.426	0.383		-10.09	50
trans-1,4-Dichloro-2-butene	0.225	0.214		-4.89	50

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