

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290

Instrument ID: MSVOA_Y Calibration Date/Time: 02/07/2025 09:31

Lab File ID: VY021130.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.435		-2.47	20
Chloromethane	0.440	0.445	0.1	1.14	20
Vinyl Chloride	0.443	0.463		4.51	20
Bromomethane	0.274	0.266		-2.92	20
Chloroethane	0.263	0.274		4.18	20
Trichlorofluoromethane	0.806	0.811		0.62	20
1,1,2-Trichlorotrifluoroethane	0.506	0.498		-1.58	20
1,1-Dichloroethene	0.477	0.468		-1.89	20
Acetone	0.080	0.087		8.75	20
Carbon Disulfide	1.495	1.448		-3.14	20
Methyl tert-butyl Ether	1.205	1.236		2.57	20
Methyl Acetate	0.280	0.299		6.79	20
Methylene Chloride	0.497	0.490		-1.41	20
trans-1,2-Dichloroethene	0.525	0.514		-2.1	20
1,1-Dichloroethane	0.970	0.959	0.1	-1.13	20
Cyclohexane	0.874	0.826		-5.49	20
2-Butanone	0.131	0.143		9.16	20
Carbon Tetrachloride	0.555	0.551		-0.72	20
cis-1,2-Dichloroethene	0.604	0.601		-0.5	20
Bromochloromethane	0.384	0.417		8.59	20
Chloroform	0.997	0.986		-1.1	20
1,1,1-Trichloroethane	0.927	0.895		-3.45	20
Methylcyclohexane	0.581	0.590		1.55	20
Benzene	1.393	1.387		-0.43	20
1,2-Dichloroethane	0.386	0.388		0.52	20
Trichloroethene	0.360	0.351		-2.5	20
1,2-Dichloropropane	0.331	0.332		0.3	20
Bromodichloromethane	0.491	0.493		0.41	20
4-Methyl-2-Pentanone	0.208	0.226		8.65	20
Toluene	0.875	0.881		0.69	20
t-1,3-Dichloropropene	0.441	0.457		3.63	20
cis-1,3-Dichloropropene	0.522	0.535		2.49	20
1,1,2-Trichloroethane	0.237	0.235		-0.84	20
2-Hexanone	0.134	0.149		11.19	20
Dibromochloromethane	0.333	0.335		0.6	20
1,2-Dibromoethane	0.222	0.225		1.35	20
Tetrachloroethene	0.371	0.358		-3.5	20
Chlorobenzene	1.113	1.096	0.3	-1.53	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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Ethyl Benzene	1.969	1.957		-0.61	20
m/p-Xylenes	0.737	0.743		0.81	20
o-Xylene	0.687	0.691		0.58	20
Styrene	1.145	1.163		1.57	20
Bromoform	0.220	0.223	0.1	1.36	20
Isopropylbenzene	3.906	3.858		-1.23	20
1,1,2,2-Tetrachloroethane	0.650	0.647	0.3	-0.46	20
1,3-Dichlorobenzene	1.740	1.684		-3.22	20
1,4-Dichlorobenzene	1.714	1.650		-3.73	20
1,2-Dichlorobenzene	1.510	1.457		-3.51	20
1,2-Dibromo-3-Chloropropane	0.097	0.097		0	20
1,2,4-Trichlorobenzene	0.841	0.867		3.09	20
1,2,3-Trichlorobenzene	0.700	0.712		1.71	20
1,2-Dichloroethane-d4	0.512	0.471		-8.01	20
Dibromofluoromethane	0.320	0.301		-5.94	20
Toluene-d8	1.220	1.134		-7.05	20
4-Bromofluorobenzene	0.399	0.383		-4.01	20

All other compounds must meet a minimum RRF of 0.010.
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