

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date/Time: 02/05/2025 09:51

Lab File ID: VX044833.D Init. Calib. Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.673	0.627		-6.84	20
Chloromethane	0.728	0.716	0.1	-1.65	20
Vinyl Chloride	0.719	0.739		2.78	20
Ethyl Acetate	0.471	0.495		5.1	20
Bromomethane	0.172	0.208		20.93	20
Chloroethane	0.132	0.256		93.94	20
Trichlorofluoromethane	0.795	0.974		22.52	20
1,1,2-Trichlorotrifluoroethane	0.597	0.611		2.35	20
Tert butyl alcohol	0.168	0.128		-23.81	20
1,1-Dichloroethene	0.585	0.608		3.93	20
Acrolein	0.079	0.067		-15.19	20
Acrylonitrile	0.330	0.351		6.36	20
Acetone	0.299	0.277		-7.36	20
Carbon Disulfide	1.598	1.561		-2.25	20
Methyl tert-butyl Ether	2.121	2.040		-3.82	20
Methyl Acetate	0.921	1.022		10.97	20
Methylene Chloride	0.695	0.684		-1.58	20
trans-1,2-Dichloroethene	0.611	0.610		-0.16	20
Vinyl Acetate	1.734	1.768		1.96	20
1,1-Dichloroethane	1.175	1.183	0.1	0.68	20
Cyclohexane	0.950	1.055		11.05	20
2-Butanone	0.444	0.462		4.05	20
Carbon Tetrachloride	0.497	0.440		-11.47	20
2,2-Dichloropropane	1.139	0.998		-12.38	20
cis-1,2-Dichloroethene	0.769	0.746		-2.99	20
Bromochloromethane	0.549	0.555		1.09	20
Chloroform	1.186	1.156		-2.53	20
1,1,1-Trichloroethane	1.090	0.970		-11.01	20
Methylcyclohexane	0.587	0.612		4.26	20
1,1-Dichloropropene	0.442	0.434		-1.81	20
Benzene	1.370	1.416		3.36	20
1,2-Dichloroethane	0.500	0.458		-8.4	20
Trichloroethene	0.329	0.326		-0.91	20
1,2-Dichloropropane	0.345	0.358		3.77	20
Dibromomethane	0.263	0.248		-5.7	20
Bromodichloromethane	0.538	0.497		-7.62	20
4-Methyl-2-Pentanone	0.479	0.510		6.47	20
Toluene	0.839	0.870		3.69	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
t-1,3-Dichloropropene	0.556	0.529		-4.86	20
cis-1,3-Dichloropropene	0.603	0.577		-4.31	20
1,1,2-Trichloroethane	0.339	0.339		0	20
1,3-Dichloropropane	0.578	0.584		1.04	20
2-Chloroethyl Vinyl ether	0.286	0.289		1.05	20
2-Hexanone	0.352	0.370		5.11	20
Dibromochloromethane	0.398	0.371		-6.78	20
1,2-Dibromoethane	0.356	0.345		-3.09	20
Tetrachloroethene	0.314	0.302		-3.82	20
Chlorobenzene	1.062	1.085	0.3	2.17	20
1,1,1,2-Tetrachloroethane	0.386	0.350		-9.33	20
Hexachloroethane	0.753	0.668		-11.29	20
Ethyl Benzene	1.853	1.907		2.91	20
m/p-Xylenes	0.688	0.715		3.92	20
o-Xylene	0.695	0.707		1.73	20
Styrene	1.123	1.169		4.1	20
Bromoform	0.314	0.274	0.1	-12.74	20
Isopropylbenzene	4.085	4.026		-1.44	20
1,1,2,2-Tetrachloroethane	1.411	1.323	0.3	-6.24	20
1,2,3-Trichloropropane	1.213	1.094		-9.81	20
Bromobenzene	0.955	0.904		-5.34	20
n-propylbenzene	4.505	4.667		3.6	20
2-Chlorotoluene	2.910	2.796		-3.92	20
1,3,5-Trimethylbenzene	3.325	3.278		-1.41	20
4-Chlorotoluene	3.188	3.136		-1.63	20
tert-Butylbenzene	3.477	3.311		-4.77	20
1,2,4-Trimethylbenzene	3.379	3.291		-2.6	20
sec-Butylbenzene	4.048	4.141		2.3	20
p-Isopropyltoluene	3.327	3.360		0.99	20
1,3-Dichlorobenzene	1.656	1.646		-0.6	20
1,4-Dichlorobenzene	1.674	1.676		0.12	20
n-Butylbenzene	2.857	3.101		8.54	20
1,2-Dichlorobenzene	1.700	1.658		-2.47	20
1,2-Dibromo-3-Chloropropane	0.345	0.303		-12.17	20
1,2,4-Trichlorobenzene	1.016	1.050		3.35	20
Hexachlorobutadiene	0.399	0.413		3.51	20
Naphthalene	3.920	3.749		-4.36	20
1,2,3-Trichlorobenzene	1.054	1.061		0.66	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.755	0.742		-1.72	20
Dibromofluoromethane	0.318	0.337		5.97	20
Toluene-d8	1.108	1.275		15.07	20
4-Bromofluorobenzene	0.413	0.444		7.51	20

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