

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG No.: Q2964

Instrument ID: MSVOA_N

Calibration Date/Time: 08/26/2025 13:38

Lab File ID: VN087668.D

Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.773		8.87	20
Chloromethane	0.730	0.770	0.1	5.48	20
Vinyl Chloride	0.846	0.885		4.61	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.603		1.35	20
Trichlorofluoromethane	1.240	1.324		6.77	20
1,1,2-Trichlorotrifluoroethane	0.701	0.730		4.14	20
1,1-Dichloroethene	0.721	0.721		0	20
Acetone	0.558	0.487		-12.72	20
Carbon Disulfide	1.985	1.940		-2.27	20
Methyl tert-butyl Ether	2.704	2.762		2.14	20
Methyl Acetate	1.168	1.242		6.34	20
Methylene Chloride	0.948	0.837		-11.71	20
trans-1,2-Dichloroethene	0.781	0.744		-4.74	20
1,1-Dichloroethane	1.546	1.543	0.1	-0.19	20
Cyclohexane	1.289	1.257		-2.48	20
2-Butanone	0.734	0.728		-0.82	20
Carbon Tetrachloride	0.547	0.575		5.12	20
cis-1,2-Dichloroethene	0.934	0.930		-0.43	20
Bromochloromethane	0.747	0.701		-6.16	20
Chloroform	1.578	1.615		2.35	20
1,1,1-Trichloroethane	1.337	1.334		-0.22	20
Methylcyclohexane	0.610	0.598		-1.97	20
Benzene	1.699	1.737		2.24	20
1,2-Dichloroethane	0.653	0.669		2.45	20
Trichloroethene	0.388	0.379		-2.32	20
1,2-Dichloropropane	0.448	0.457		2.01	20
Bromodichloromethane	0.653	0.679		3.98	20
4-Methyl-2-Pentanone	0.713	0.766		7.43	20
Toluene	1.053	1.081		2.66	20
t-1,3-Dichloropropene	0.676	0.703		3.99	20
cis-1,3-Dichloropropene	0.702	0.710		1.14	20
1,1,2-Trichloroethane	0.407	0.424		4.18	20
2-Hexanone	0.451	0.522		15.74	20
Dibromochloromethane	0.472	0.482		2.12	20
1,2-Dibromoethane	0.430	0.448		4.19	20
Tetrachloroethene	0.347	0.325		-6.34	20
Chlorobenzene	1.244	1.214	0.3	-2.41	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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GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.194		1.86	20
m/p-Xylenes	0.790	0.821		3.92	20
o-Xylene	0.774	0.792		2.33	20
Styrene	1.297	1.394		7.48	20
Bromoform	0.317	0.338	0.1	6.63	20
Isopropylbenzene	4.040	3.940		-2.47	20
1,1,2,2-Tetrachloroethane	1.391	1.411	0.3	1.44	20
1,3-Dichlorobenzene	1.876	1.835		-2.19	20
1,4-Dichlorobenzene	1.952	1.876		-3.89	20
1,2-Dichlorobenzene	1.780	1.770		-0.56	20
1,2-Dibromo-3-Chloropropane	0.330	0.320		-3.03	20
1,2,4-Trichlorobenzene	1.069	1.031		-3.56	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.933		-8.89	20
Dibromofluoromethane	0.361	0.335		-7.2	20
Toluene-d8	1.351	1.262		-6.59	20
4-Bromofluorobenzene	0.481	0.453		-5.82	20

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