

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2964</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/29/2025 12:05</u>
Lab File ID:	<u>VN087693.D</u>	Init. Calib. Date(s):	<u>08/21/2025 08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:09 14:44</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.697		-1.83	20
Chloromethane	0.730	0.732	0.1	0.27	20
Vinyl Chloride	0.846	0.837		-1.06	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.582		-2.18	20
Trichlorofluoromethane	1.240	1.260		1.61	20
1,1,2-Trichlorotrifluoroethane	0.701	0.684		-2.42	20
1,1-Dichloroethene	0.721	0.684		-5.13	20
Acetone	0.558	0.492		-11.83	20
Carbon Disulfide	1.985	1.750		-11.84	20
Methyl tert-butyl Ether	2.704	2.689		-0.56	20
Methyl Acetate	1.168	1.232		5.48	20
Methylene Chloride	0.948	0.821		-13.4	20
trans-1,2-Dichloroethene	0.781	0.727		-6.91	20
1,1-Dichloroethane	1.546	1.478	0.1	-4.4	20
Cyclohexane	1.289	1.175		-8.84	20
2-Butanone	0.734	0.702		-4.36	20
Carbon Tetrachloride	0.547	0.537		-1.83	20
cis-1,2-Dichloroethene	0.934	0.898		-3.85	20
Bromochloromethane	0.747	0.738		-1.21	20
Chloroform	1.578	1.619		2.6	20
1,1,1-Trichloroethane	1.337	1.295		-3.14	20
Methylcyclohexane	0.610	0.556		-8.85	20
Benzene	1.699	1.684		-0.88	20
1,2-Dichloroethane	0.653	0.648		-0.77	20
Trichloroethene	0.388	0.375		-3.35	20
1,2-Dichloropropane	0.448	0.445		-0.67	20
Bromodichloromethane	0.653	0.664		1.68	20
4-Methyl-2-Pentanone	0.713	0.757		6.17	20
Toluene	1.053	1.042		-1.04	20
t-1,3-Dichloropropene	0.676	0.678		0.3	20
cis-1,3-Dichloropropene	0.702	0.706		0.57	20
1,1,2-Trichloroethane	0.407	0.421		3.44	20
2-Hexanone	0.451	0.513		13.75	20
Dibromochloromethane	0.472	0.492		4.24	20
1,2-Dibromoethane	0.430	0.441		2.56	20
Tetrachloroethene	0.347	0.305		-12.1	20
Chlorobenzene	1.244	1.162	0.3	-6.59	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	2.154	2.070		-3.9	20
m/p-Xylenes	0.790	0.774		-2.03	20
o-Xylene	0.774	0.770		-0.52	20
Styrene	1.297	1.323		2.01	20
Bromoform	0.317	0.328	0.1	3.47	20
Isopropylbenzene	4.040	3.792		-6.14	20
1,1,2,2-Tetrachloroethane	1.391	1.350	0.3	-2.95	20
1,3-Dichlorobenzene	1.876	1.769		-5.7	20
1,4-Dichlorobenzene	1.952	1.822		-6.66	20
1,2-Dichlorobenzene	1.780	1.695		-4.78	20
1,2-Dibromo-3-Chloropropane	0.330	0.310		-6.06	20
1,2,4-Trichlorobenzene	1.069	0.996		-6.83	20
1,2,3-Trichlorobenzene	1.045	0.964		-7.75	20
1,2-Dichloroethane-d4	1.024	0.989		-3.42	20
Dibromofluoromethane	0.361	0.357		-1.11	20
Toluene-d8	1.351	1.329		-1.63	20
4-Bromofluorobenzene	0.481	0.486		1.04	20

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