

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2480</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>07/09/2025 10:00</u>
Lab File ID:	<u>VW031767.D</u>	Init. Calib. Date(s):	<u>06/30/2025 06/30/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:54 12:55</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.331		-2.93	20
Chloromethane	0.411	0.384	0.1	-6.57	20
Vinyl Chloride	0.540	0.532		-1.48	20
Bromomethane	0.421	0.386		-8.31	20
Chloroethane	0.367	0.343		-6.54	20
Trichlorofluoromethane	0.490	0.475		-3.06	20
1,1,2-Trichlorotrifluoroethane	0.544	0.529		-2.76	20
1,1-Dichloroethene	0.596	0.593		-0.5	20
Acetone	0.177	0.171		-3.39	20
Carbon Disulfide	1.594	1.557		-2.32	20
Methyl tert-butyl Ether	1.011	1.032		2.08	20
Methyl Acetate	0.507	0.530		4.54	20
Methylene Chloride	0.814	0.724		-11.06	20
trans-1,2-Dichloroethene	0.633	0.619		-2.21	20
1,1-Dichloroethane	1.156	1.146	0.1	-0.87	20
Cyclohexane	1.022	0.962		-5.87	20
2-Butanone	0.231	0.241		4.33	20
Carbon Tetrachloride	0.481	0.516		7.28	20
cis-1,2-Dichloroethene	0.728	0.736		1.1	20
Bromochloromethane	0.510	0.495		-2.94	20
Chloroform	1.228	1.231		0.24	20
1,1,1-Trichloroethane	0.946	0.975		3.07	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.397	1.463		4.72	20
1,2-Dichloroethane	0.472	0.483		2.33	20
Trichloroethene	0.349	0.365		4.59	20
1,2-Dichloropropane	0.338	0.351		3.85	20
Bromodichloromethane	0.511	0.539		5.48	20
4-Methyl-2-Pentanone	0.295	0.323		9.49	20
Toluene	0.894	0.951		6.38	20
t-1,3-Dichloropropene	0.480	0.527		9.79	20
cis-1,3-Dichloropropene	0.544	0.580		6.62	20
1,1,2-Trichloroethane	0.286	0.298		4.2	20
2-Hexanone	0.200	0.226		13	20
Dibromochloromethane	0.341	0.372		9.09	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.331		1.22	20
Chlorobenzene	1.103	1.179	0.3	6.89	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	1.913	2.057		7.53	20
m/p-Xylenes	0.735	0.791		7.62	20
o-Xylene	0.681	0.750		10.13	20
Styrene	1.177	1.273		8.16	20
Bromoform	0.210	0.238	0.1	13.33	20
Isopropylbenzene	3.803	4.177		9.83	20
1,1,2,2-Tetrachloroethane	0.844	0.907	0.3	7.46	20
1,3-Dichlorobenzene	1.701	1.802		5.94	20
1,4-Dichlorobenzene	1.741	1.775		1.95	20
1,2-Dichlorobenzene	1.555	1.600		2.89	20
1,2-Dibromo-3-Chloropropane	0.165	0.179		8.48	20
1,2,4-Trichlorobenzene	0.959	1.007		5.01	20
1,2,3-Trichlorobenzene	0.881	1.004		13.96	20
1,2-Dichloroethane-d4	0.718	0.657		-8.5	20
Dibromofluoromethane	0.326	0.327		0.31	20
Toluene-d8	1.214	1.234		1.65	20
4-Bromofluorobenzene	0.447	0.452		1.12	20

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