

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3784</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/09/2025 10:47</u>
Lab File ID:	<u>VN088471.D</u>	Init. Calib. Date(s):	<u>11/24/2025 11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38 14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.768		2.26	20
Chloromethane	0.807	0.782	0.1	-3.1	20
Vinyl Chloride	0.821	0.786		-4.26	20
Bromomethane	0.395	0.374		-5.32	20
Chloroethane	0.508	0.522		2.76	20
Trichlorofluoromethane	1.153	1.226		6.33	20
1,1,2-Trichlorotrifluoroethane	0.614	0.638		3.91	20
Tert butyl alcohol	0.150	0.119		-20.67	20
1,1-Dichloroethene	0.610	0.604		-0.98	20
Acetone	0.341	0.275		-19.35	20
Carbon Disulfide	1.993	1.889		-5.22	20
Methyl tert-butyl Ether	2.285	2.532		10.81	20
Methyl Acetate	1.014	1.115		9.96	20
Methylene Chloride	0.729	0.736		0.96	20
trans-1,2-Dichloroethene	0.676	0.700		3.55	20
1,1-Dichloroethane	1.367	1.473	0.1	7.75	20
Cyclohexane	1.239	1.268		2.34	20
2-Butanone	0.548	0.525		-4.2	20
Carbon Tetrachloride	0.532	0.598		12.41	20
cis-1,2-Dichloroethene	0.785	0.821		4.59	20
Bromochloromethane	0.681	0.688		1.03	20
Chloroform	1.343	1.490		10.95	20
1,1,1-Trichloroethane	1.181	1.278		8.21	20
Methylcyclohexane	0.572	0.557		-2.62	20
Benzene	1.570	1.677		6.82	20
1,2-Dichloroethane	0.599	0.700		16.86	20
Trichloroethene	0.371	0.365		-1.62	20
1,2-Dichloropropane	0.402	0.447		11.19	20
Bromodichloromethane	0.586	0.659		12.46	20
4-Methyl-2-Pentanone	0.633	0.719		13.59	20
Toluene	0.906	1.008		11.26	20
t-1,3-Dichloropropene	0.601	0.655		8.98	20
cis-1,3-Dichloropropene	0.632	0.711		12.5	20
1,1,2-Trichloroethane	0.351	0.397		13.1	20
2-Hexanone	0.399	0.452		13.28	20
Dibromochloromethane	0.400	0.449		12.25	20
1,2-Dibromoethane	0.355	0.390		9.86	20
Tetrachloroethene	0.396	0.344		-13.13	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
Chlorobenzene	1.123	1.153	0.3	2.67	20
Ethyl Benzene	1.963	2.050		4.43	20
m/p-Xylenes	0.728	0.770		5.77	20
o-Xylene	0.694	0.721		3.89	20
Styrene	1.127	1.265		12.24	20
Bromoform	0.277	0.306	0.1	10.47	20
Isopropylbenzene	3.697	3.950		6.84	20
1,1,2,2-Tetrachloroethane	1.195	1.328	0.3	11.13	20
1,3-Dichlorobenzene	1.647	1.703		3.4	20
1,4-Dichlorobenzene	1.725	1.721		-0.23	20
1,2-Dichlorobenzene	1.550	1.639		5.74	20
1,2-Dibromo-3-Chloropropane	0.290	0.302		4.14	20
1,2,4-Trichlorobenzene	0.921	0.845		-8.25	20
1,2,3-Trichlorobenzene	0.896	0.842		-6.03	20
1,2-Dichloroethane-d4	0.942	0.945		0.32	20
Dibromofluoromethane	0.346	0.341		-1.45	20
Toluene-d8	1.289	1.242		-3.65	20
4-Bromofluorobenzene	0.442	0.428		-3.17	20

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