

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2503</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/15/2025 10:18</u>
Lab File ID:	<u>VX046988.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.457		-4.39	20
Chloromethane	0.522	0.484	0.1	-7.28	20
Vinyl Chloride	0.569	0.540		-5.1	20
Bromomethane	0.366	0.346		-5.46	20
Chloroethane	0.376	0.358		-4.79	20
Trichlorofluoromethane	0.880	0.905		2.84	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.545		0.55	20
Acetone	0.205	0.242		18.05	20
Carbon Disulfide	1.422	1.192		-16.17	20
Methyl tert-butyl Ether	1.531	1.922		25.54	20
Methyl Acetate	0.541	0.836		54.53	20
Methylene Chloride	0.607	0.637		4.94	20
trans-1,2-Dichloroethene	0.555	0.563		1.44	20
1,1-Dichloroethane	1.064	1.145	0.1	7.61	20
Cyclohexane	0.944	0.923		-2.22	20
2-Butanone	0.274	0.372		35.77	20
Carbon Tetrachloride	0.484	0.508		4.96	20
cis-1,2-Dichloroethene	0.677	0.722		6.65	20
Bromochloromethane	0.525	0.546		4	20
Chloroform	1.087	1.183		8.83	20
1,1,1-Trichloroethane	0.908	0.989		8.92	20
Methylcyclohexane	0.573	0.552		-3.66	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.511		8.72	20
Trichloroethene	0.361	0.358		-0.83	20
1,2-Dichloropropane	0.350	0.374		6.86	20
Bromodichloromethane	0.518	0.557		7.53	20
4-Methyl-2-Pentanone	0.353	0.470		33.14	20
Toluene	0.858	0.884		3.03	20
t-1,3-Dichloropropene	0.462	0.537		16.23	20
cis-1,3-Dichloropropene	0.527	0.596		13.09	20
1,1,2-Trichloroethane	0.320	0.355		10.94	20
2-Hexanone	0.234	0.325		38.89	20
Dibromochloromethane	0.383	0.420		9.66	20
1,2-Dibromoethane	0.321	0.356		10.9	20
Tetrachloroethene	0.333	0.318		-4.51	20
Chlorobenzene	1.081	1.126	0.3	4.16	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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Ethyl Benzene	1.851	1.966		6.21	20
m/p-Xylenes	0.698	0.733		5.01	20
o-Xylene	0.674	0.717		6.38	20
Styrene	1.153	1.250		8.41	20
Bromoform	0.270	0.304	0.1	12.59	20
Isopropylbenzene	3.515	3.870		10.1	20
1,1,2,2-Tetrachloroethane	0.966	1.147	0.3	18.74	20
1,3-Dichlorobenzene	1.637	1.748		6.78	20
1,4-Dichlorobenzene	1.704	1.748		2.58	20
1,2-Dichlorobenzene	1.587	1.685		6.18	20
1,2-Dibromo-3-Chloropropane	0.169	0.226		33.73	20
1,2,4-Trichlorobenzene	1.078	1.174		8.9	20
1,2,3-Trichlorobenzene	1.019	1.128		10.7	20
1,2-Dichloroethane-d4	0.661	0.719		8.77	20
Dibromofluoromethane	0.339	0.359		5.9	20
Toluene-d8	1.197	1.212		1.25	20
4-Bromofluorobenzene	0.455	0.485		6.59	20

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