

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2815</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/18/2025 10:00</u>
Lab File ID:	<u>VX047371.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.681		6.91	20
Chloromethane	0.573	0.638	0.1	11.34	20
Vinyl Chloride	0.720	0.719		-0.14	20
Bromomethane	0.291	0.248		-14.78	20
Chloroethane	0.440	0.451		2.5	20
Trichlorofluoromethane	1.065	1.060		-0.47	20
1,1,2-Trichlorotrifluoroethane	0.618	0.631		2.1	20
1,1-Dichloroethene	0.630	0.616		-2.22	20
Acetone	0.263	0.254		-3.42	20
Carbon Disulfide	1.900	1.913		0.68	20
Methyl tert-butyl Ether	1.915	1.840		-3.92	20
Methyl Acetate	0.682	0.672		-1.47	20
Methylene Chloride	0.697	0.657		-5.74	20
trans-1,2-Dichloroethene	0.668	0.633		-5.24	20
1,1-Dichloroethane	1.222	1.177	0.1	-3.68	20
Cyclohexane	1.126	1.041		-7.55	20
2-Butanone	0.344	0.330		-4.07	20
Carbon Tetrachloride	0.560	0.548		-2.14	20
cis-1,2-Dichloroethene	0.778	0.726		-6.68	20
Bromochloromethane	0.508	0.536		5.51	20
Chloroform	1.247	1.170		-6.18	20
1,1,1-Trichloroethane	1.073	1.024		-4.57	20
Methylcyclohexane	0.639	0.604		-5.48	20
Benzene	1.533	1.469		-4.18	20
1,2-Dichloroethane	0.543	0.515		-5.16	20
Trichloroethene	0.393	0.366		-6.87	20
1,2-Dichloropropane	0.384	0.368		-4.17	20
Bromodichloromethane	0.578	0.557		-3.63	20
4-Methyl-2-Pentanone	0.440	0.428		-2.73	20
Toluene	0.947	0.900		-4.96	20
t-1,3-Dichloropropene	0.505	0.497		-1.58	20
cis-1,3-Dichloropropene	0.571	0.550		-3.68	20
1,1,2-Trichloroethane	0.360	0.340		-5.56	20
2-Hexanone	0.304	0.290		-4.61	20
Dibromochloromethane	0.428	0.406		-5.14	20
1,2-Dibromoethane	0.371	0.344		-7.28	20
Tetrachloroethene	0.362	0.349		-3.59	20
Chlorobenzene	1.188	1.129	0.3	-4.97	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	2.045	1.968		-3.77	20
m/p-Xylenes	0.763	0.735		-3.67	20
o-Xylene	0.734	0.708		-3.54	20
Styrene	1.240	1.227		-1.05	20
Bromoform	0.302	0.297	0.1	-1.66	20
Isopropylbenzene	3.913	3.805		-2.76	20
1,1,2,2-Tetrachloroethane	1.149	1.100	0.3	-4.26	20
1,3-Dichlorobenzene	1.825	1.709		-6.36	20
1,4-Dichlorobenzene	1.877	1.719		-8.42	20
1,2-Dichlorobenzene	1.733	1.636		-5.6	20
1,2-Dibromo-3-Chloropropane	0.222	0.210		-5.41	20
1,2,4-Trichlorobenzene	1.161	1.067		-8.1	20
1,2,3-Trichlorobenzene	1.095	1.029		-6.03	20
1,2-Dichloroethane-d4	0.700	0.690		-1.43	20
Dibromofluoromethane	0.325	0.336		3.38	20
Toluene-d8	1.160	1.149		-0.95	20
4-Bromofluorobenzene	0.428	0.424		-0.94	20

All other compounds must meet a minimum RRF of 0.010.
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