

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ARDM01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3700</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/25/2025 11:03</u>
Lab File ID:	<u>VN088353.D</u>	Init. Calib. Date(s):	<u>11/13/2025 11/13/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:14 11:50</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Chloromethane	2.174	2.232		2.67	
Vinyl Chloride	2.299	2.254	0.1	-1.96	
Bromomethane	1.226	1.093	0.1	-10.85	
Chloroethane	1.421	1.384		-2.6	
Trichlorofluoromethane	3.223	3.191		-0.99	
1,1-Dichloroethene	1.650	1.634	0.1	-0.97	
Acrolein	0.392	0.620		58.16	
Acrylonitrile	1.209	1.180		-2.4	
Methylene Chloride	2.050	2.016		-1.66	
trans-1,2-Dichloroethene	1.921	1.870		-2.65	
1,1-Dichloroethane	3.859	3.714	0.2	-3.76	
Carbon Tetrachloride	0.527	0.512	0.1	-2.85	
Chloroform	3.824	3.782	0.2	-1.1	
1,1,1-Trichloroethane	0.617	0.634	0.1	2.76	
Benzene	1.496	1.546	0.5	3.34	
1,2-Dichloroethane	0.582	0.583	0.1	0.17	
Trichloroethene	0.339	0.362	0.3	6.78	
1,2-Dichloropropane	0.386	0.401		3.89	
Bromodichloromethane	0.558	0.561	0.2	0.54	
Toluene	1.722	1.798	0.4	4.41	
t-1,3-Dichloropropene	0.597	0.568	0.1	-4.86	
cis-1,3-Dichloropropene	0.621	0.637	0.2	2.58	
1,1,2-Trichloroethane	0.343	0.359	0.1	4.66	
2-Chloroethyl vinyl ether	0.325	0.315		-3.08	
Dibromochloromethane	0.394	0.402	0.1	2.03	
Tetrachloroethene	0.309	0.382	0.2	23.63	
Chlorobenzene	1.066	1.064	0.5	-0.19	
Ethyl Benzene	1.897	1.868	0.1	-1.53	
m/p-Xylenes	0.710	0.713	0.3	0.42	
o-Xylene	0.669	0.664	0.3	-0.75	
Bromoform	0.249	0.243	0.1	-2.41	
1,1,2,2-Tetrachloroethane	0.575	0.540	0.3	-6.09	
1,3-Dichlorobenzene	0.778	0.775	0.2	-0.39	
1,4-Dichlorobenzene	0.788	0.764	0.2	-3.05	
1,2-Dichlorobenzene	0.734	0.709	0.2	-3.41	
1,2-Dichloroethane-d4	2.740	2.594	0.01	-5.33	
Toluene-d8	1.420	1.450	0.01	2.11	
4-Bromofluorobenzene	0.507	0.480	0.2	-5.32	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.