

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ARDM01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3098</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/17/2025 09:42</u>
Lab File ID:	<u>VN087869.D</u>	Init. Calib. Date(s):	<u>09/04/2025 09/04/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>16:23 17:46</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Chloromethane	1.957	1.487		-24.02	
Vinyl Chloride	2.213	1.692	0.1	-23.54	
Bromomethane	1.298	0.922	0.1	-28.97	
Chloroethane	1.512	1.076		-28.84	
Trichlorofluoromethane	3.243	2.707		-16.53	
1,1-Dichloroethene	1.811	1.471	0.1	-18.77	
Acrolein	0.497	0.578		16.3	
Acrylonitrile	1.202	1.090		-9.32	
Methylene Chloride	2.052	1.906		-7.11	
trans-1,2-Dichloroethene	1.847	1.654		-10.45	
1,1-Dichloroethane	3.725	3.405	0.2	-8.59	
Carbon Tetrachloride	0.515	0.484	0.1	-6.02	
Chloroform	3.899	3.643	0.2	-6.57	
1,1,1-Trichloroethane	0.618	0.585	0.1	-5.34	
Benzene	1.576	1.389	0.5	-11.86	
1,2-Dichloroethane	0.595	0.532	0.1	-10.59	
Trichloroethene	0.352	0.336	0.3	-4.55	
1,2-Dichloropropane	0.404	0.353		-12.62	
Bromodichloromethane	0.614	0.543	0.2	-11.56	
Toluene	1.815	1.660	0.4	-8.54	
t-1,3-Dichloropropene	0.638	0.544	0.1	-14.73	
cis-1,3-Dichloropropene	0.653	0.584	0.2	-10.57	
1,1,2-Trichloroethane	0.388	0.361	0.1	-6.96	
2-Chloroethyl vinyl ether	0.346	0.310		-10.4	
Dibromochloromethane	0.435	0.404	0.1	-7.13	
Tetrachloroethene	0.299	0.295	0.2	-1.34	
Chlorobenzene	1.114	1.042	0.5	-6.46	
Ethyl Benzene	1.958	1.821	0.1	-7	
m/p-Xylenes	0.727	0.678	0.3	-6.74	
o-Xylene	0.705	0.643	0.3	-8.79	
Bromoform	0.284	0.265	0.1	-6.69	
1,1,2,2-Tetrachloroethane	0.642	0.598	0.3	-6.85	
1,3-Dichlorobenzene	0.843	0.828	0.2	-1.78	
1,4-Dichlorobenzene	0.845	0.856	0.2	1.3	
1,2-Dichlorobenzene	0.795	0.815	0.2	2.52	
1,2-Dichloroethane-d4	2.563	2.512	0.01	-1.99	
Toluene-d8	1.395	1.343	0.01	-3.73	
4-Bromofluorobenzene	0.482	0.479	0.2	-0.62	

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