

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>11/26/2025 09:06</u>
Lab File ID:	<u>VN088362.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	2.090		-3.86	
Vinyl Chloride	2.299	2.055	0.1	-10.61	
Bromomethane	1.226	1.113	0.1	-9.22	
Chloroethane	1.421	1.363		-4.08	
Trichlorofluoromethane	3.223	2.864		-11.14	
1,1-Dichloroethene	1.650	1.559	0.1	-5.51	
Acrolein	0.392	0.562		43.37	
Acrylonitrile	1.209	1.183		-2.15	
Methylene Chloride	2.050	2.010		-1.95	
trans-1,2-Dichloroethene	1.921	1.859		-3.23	
1,1-Dichloroethane	3.859	3.736	0.2	-3.19	
Carbon Tetrachloride	0.527	0.511	0.1	-3.04	
Chloroform	3.824	3.853	0.2	0.76	
1,1,1-Trichloroethane	0.617	0.633	0.1	2.59	
Benzene	1.496	1.604	0.5	7.22	
1,2-Dichloroethane	0.582	0.631	0.1	8.42	
Trichloroethene	0.339	0.380	0.3	12.09	
1,2-Dichloropropane	0.386	0.423		9.59	
Bromodichloromethane	0.558	0.609	0.2	9.14	
Toluene	1.722	1.799	0.4	4.47	
t-1,3-Dichloropropene	0.597	0.619	0.1	3.68	
cis-1,3-Dichloropropene	0.621	0.667	0.2	7.41	
1,1,2-Trichloroethane	0.343	0.378	0.1	10.2	
2-Chloroethyl vinyl ether	0.325	0.321		-1.23	
Dibromochloromethane	0.394	0.448	0.1	13.71	
Tetrachloroethene	0.309	0.384	0.2	24.27	
Chlorobenzene	1.066	1.118	0.5	4.88	
Ethyl Benzene	1.897	1.881	0.1	-0.84	
m/p-Xylenes	0.710	0.720	0.3	1.41	
o-Xylene	0.669	0.681	0.3	1.79	
Bromoform	0.249	0.263	0.1	5.62	
1,1,2,2-Tetrachloroethane	0.575	0.590	0.3	2.61	
1,3-Dichlorobenzene	0.778	0.801	0.2	2.96	
1,4-Dichlorobenzene	0.788	0.822	0.2	4.32	
1,2-Dichlorobenzene	0.734	0.761	0.2	3.68	
1,2-Dichloroethane-d4	2.740	2.499	0.01	-8.8	
Toluene-d8	1.420	1.403	0.01	-1.2	
4-Bromofluorobenzene	0.507	0.482	0.2	-4.93	

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