

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2825</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/13/2025 10:57</u>
Lab File ID:	<u>VN087525.D</u>	Init. Calib. Date(s):	<u>07/16/2025 07/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>17:05 18:54</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.658		23.92	20
Chloromethane	0.668	0.624	0.1	-6.59	20
Vinyl Chloride	0.664	0.717		7.98	20
Bromomethane	0.344	0.393		14.24	20
Chloroethane	0.433	0.469		8.31	20
Trichlorofluoromethane	0.981	1.056		7.64	20
1,1,2-Trichlorotrifluoroethane	0.504	0.582		15.48	20
1,1-Dichloroethene	0.571	0.567		-0.7	20
Acetone	0.398	0.442		11.06	20
Carbon Disulfide	1.693	1.611		-4.84	20
Methyl tert-butyl Ether	2.104	2.478		17.78	20
Methyl Acetate	0.999	1.175		17.62	20
Methylene Chloride	0.766	0.697		-9.01	20
trans-1,2-Dichloroethene	0.644	0.640		-0.62	20
1,1-Dichloroethane	1.250	1.290	0.1	3.2	20
Cyclohexane	1.043	1.135		8.82	20
2-Butanone	0.615	0.665		8.13	20
Carbon Tetrachloride	0.502	0.519		3.39	20
cis-1,2-Dichloroethene	0.741	0.798		7.69	20
Bromochloromethane	0.598	0.631		5.52	20
Chloroform	1.251	1.367		9.27	20
1,1,1-Trichloroethane	1.084	1.177		8.58	20
Methylcyclohexane	0.493	0.590		19.67	20
Benzene	1.473	1.499		1.76	20
1,2-Dichloroethane	0.558	0.597		6.99	20
Trichloroethene	0.348	0.342		-1.72	20
1,2-Dichloropropane	0.374	0.384		2.67	20
Bromodichloromethane	0.564	0.602		6.74	20
4-Methyl-2-Pentanone	0.646	0.703		8.82	20
Toluene	0.895	0.934		4.36	20
t-1,3-Dichloropropene	0.571	0.649		13.66	20
cis-1,3-Dichloropropene	0.590	0.658		11.52	20
1,1,2-Trichloroethane	0.362	0.378		4.42	20
2-Hexanone	0.429	0.483		12.59	20
Dibromochloromethane	0.413	0.441		6.78	20
1,2-Dibromoethane	0.381	0.403		5.77	20
Tetrachloroethene	0.322	0.306		-4.97	20
Chlorobenzene	1.123	1.142	0.3	1.69	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	1.848	2.026		9.63	20
m/p-Xylenes	0.692	0.755		9.1	20
o-Xylene	0.661	0.736		11.35	20
Styrene	1.112	1.278		14.93	20
Bromoform	0.308	0.318	0.1	3.25	20
Isopropylbenzene	3.147	3.734		18.65	20
1,1,2,2-Tetrachloroethane	1.184	1.291	0.3	9.04	20
1,3-Dichlorobenzene	1.602	1.685		5.18	20
1,4-Dichlorobenzene	1.711	1.706		-0.29	20
1,2-Dichlorobenzene	1.517	1.645		8.44	20
1,2-Dibromo-3-Chloropropane	0.311	0.312		0.32	20
1,2,4-Trichlorobenzene	0.891	1.001		12.35	20
1,2,3-Trichlorobenzene	0.894	0.937		4.81	20
1,2-Dichloroethane-d4	0.848	0.898		5.9	20
Dibromofluoromethane	0.345	0.337		-2.32	20
Toluene-d8	1.230	1.204		-2.11	20
4-Bromofluorobenzene	0.455	0.470		3.3	20

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