

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3277</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/03/2025 09:13</u>
Lab File ID:	<u>VW032339.D</u>	Init. Calib. Date(s):	<u>10/01/2025 10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12 15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.269		-14.33	20
Chloromethane	0.484	0.432	0.1	-10.74	20
Vinyl Chloride	0.578	0.608		5.19	20
Bromomethane	0.425	0.429		0.94	20
Chloroethane	0.382	0.391		2.36	20
Trichlorofluoromethane	0.433	0.421		-2.77	20
1,1,2-Trichlorotrifluoroethane	0.519	0.538		3.66	20
1,1-Dichloroethene	0.564	0.597		5.85	20
Acetone	0.202	0.204		0.99	20
Carbon Disulfide	1.538	1.668		8.45	20
Methyl tert-butyl Ether	1.110	1.205		8.56	20
Methyl Acetate	0.578	0.511		-11.59	20
Methylene Chloride	0.838	0.766		-8.59	20
trans-1,2-Dichloroethene	0.624	0.668		7.05	20
1,1-Dichloroethane	1.203	1.257	0.1	4.49	20
Cyclohexane	1.027	1.029		0.19	20
2-Butanone	0.275	0.272		-1.09	20
Carbon Tetrachloride	0.430	0.470		9.3	20
cis-1,2-Dichloroethene	0.749	0.794		6.01	20
Bromochloromethane	0.566	0.570		0.71	20
Chloroform	1.220	1.334		9.34	20
1,1,1-Trichloroethane	0.864	0.943		9.14	20
Methylcyclohexane	0.551	0.611		10.89	20
Benzene	1.432	1.568		9.5	20
1,2-Dichloroethane	0.469	0.510		8.74	20
Trichloroethene	0.335	0.355		5.97	20
1,2-Dichloropropane	0.358	0.391		9.22	20
Bromodichloromethane	0.503	0.560		11.33	20
4-Methyl-2-Pentanone	0.313	0.340		8.63	20
Toluene	0.892	0.993		11.32	20
t-1,3-Dichloropropene	0.488	0.547		12.09	20
cis-1,3-Dichloropropene	0.562	0.617		9.79	20
1,1,2-Trichloroethane	0.294	0.320		8.84	20
2-Hexanone	0.220	0.236		7.27	20
Dibromochloromethane	0.334	0.355		6.29	20
1,2-Dibromoethane	0.287	0.307		6.97	20
Tetrachloroethene	0.299	0.302		1	20
Chlorobenzene	1.100	1.173	0.3	6.64	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	1.834	2.040		11.23	20
m/p-Xylenes	0.707	0.787		11.31	20
o-Xylene	0.661	0.744		12.56	20
Styrene	1.155	1.279		10.74	20
Bromoform	0.196	0.204	0.1	4.08	20
Isopropylbenzene	3.421	3.711		8.48	20
1,1,2,2-Tetrachloroethane	0.849	0.873	0.3	2.83	20
1,3-Dichlorobenzene	1.670	1.791		7.25	20
1,4-Dichlorobenzene	1.670	1.667		-0.18	20
1,2-Dichlorobenzene	1.509	1.625		7.69	20
1,2-Dibromo-3-Chloropropane	0.149	0.146		-2.01	20
1,2,4-Trichlorobenzene	0.905	0.946		4.53	20
1,2,3-Trichlorobenzene	0.853	0.869		1.88	20
1,2-Dichloroethane-d4	0.729	0.718		-1.51	20
Dibromofluoromethane	0.324	0.329		1.54	20
Toluene-d8	1.195	1.239		3.68	20
4-Bromofluorobenzene	0.452	0.467		3.32	20

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