

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2743</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>08/01/2025 08:21</u>
Lab File ID:	<u>VW031971.D</u>	Init. Calib. Date(s):	<u>07/22/2025 07/22/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:05 12:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.372	0.424		13.98	20
Chloromethane	0.477	0.550	0.1	15.3	20
Vinyl Chloride	0.620	0.631		1.77	20
Bromomethane	0.456	0.502		10.09	20
Chloroethane	0.409	0.447		9.29	20
Trichlorofluoromethane	0.628	0.556		-11.47	20
1,1,2-Trichlorotrifluoroethane	0.604	0.645		6.79	20
1,1-Dichloroethene	0.667	0.727		9	20
Acetone	0.179	0.201		12.29	20
Carbon Disulfide	1.729	1.915		10.76	20
Methyl tert-butyl Ether	1.152	1.215		5.47	20
Methyl Acetate	0.494	0.592		19.84	20
Methylene Chloride	0.944	0.764		-19.07	20
trans-1,2-Dichloroethene	0.707	0.761		7.64	20
1,1-Dichloroethane	1.293	1.383	0.1	6.96	20
Cyclohexane	1.160	1.145		-1.29	20
2-Butanone	0.246	0.276		12.19	20
Carbon Tetrachloride	0.501	0.560		11.78	20
cis-1,2-Dichloroethene	0.832	0.892		7.21	20
Bromochloromethane	0.541	0.501		-7.39	20
Chloroform	1.356	1.479		9.07	20
1,1,1-Trichloroethane	1.032	1.084		5.04	20
Methylcyclohexane	0.657	0.708		7.76	20
Benzene	1.545	1.718		11.2	20
1,2-Dichloroethane	0.494	0.555		12.35	20
Trichloroethene	0.367	0.401		9.26	20
1,2-Dichloropropane	0.372	0.415		11.56	20
Bromodichloromethane	0.553	0.636		15.01	20
4-Methyl-2-Pentanone	0.295	0.348		17.97	20
Toluene	0.993	1.134		14.2	20
t-1,3-Dichloropropene	0.530	0.592		11.7	20
cis-1,3-Dichloropropene	0.606	0.680		12.21	20
1,1,2-Trichloroethane	0.306	0.352		15.03	20
2-Hexanone	0.205	0.241		17.56	20
Dibromochloromethane	0.357	0.419		17.37	20
1,2-Dibromoethane	0.303	0.340		12.21	20
Tetrachloroethene	0.330	0.342		3.64	20
Chlorobenzene	1.224	1.307	0.3	6.78	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	2.150	2.369		10.19	20
m/p-Xylenes	0.809	0.892		10.26	20
o-Xylene	0.766	0.852		11.23	20
Styrene	1.304	1.488		14.11	20
Bromoform	0.207	0.250	0.1	20.77	20
Isopropylbenzene	4.338	4.606		6.18	20
1,1,2,2-Tetrachloroethane	0.921	1.020	0.3	10.75	20
1,3-Dichlorobenzene	1.954	2.047		4.76	20
1,4-Dichlorobenzene	1.914	2.007		4.86	20
1,2-Dichlorobenzene	1.732	1.810		4.5	20
1,2-Dibromo-3-Chloropropane	0.166	0.183		10.24	20
1,2,4-Trichlorobenzene	1.044	1.113		6.61	20
1,2,3-Trichlorobenzene	0.946	1.014		7.19	20
1,2-Dichloroethane-d4	0.756	0.751		-0.66	20
Dibromofluoromethane	0.340	0.365		7.35	20
Toluene-d8	1.286	1.350		4.98	20
4-Bromofluorobenzene	0.494	0.495		0.2	20

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