

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3393</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/20/2025 10:20</u>
Lab File ID:	<u>VW032378.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	0.311		-0.95	20
Chloromethane	0.484	0.459	0.1	-5.16	20
Vinyl Chloride	0.578	0.608		5.19	20
Bromomethane	0.425	0.444		4.47	20
Chloroethane	0.382	0.416		8.9	20
Trichlorofluoromethane	0.433	0.501		15.7	20
1,1,2-Trichlorotrifluoroethane	0.519	0.563		8.48	20
1,1-Dichloroethene	0.564	0.625		10.82	20
Acetone	0.202	0.196		-2.97	20
Carbon Disulfide	1.538	1.711		11.25	20
Methyl tert-butyl Ether	1.110	1.198		7.93	20
Methyl Acetate	0.578	0.649		12.28	20
Methylene Chloride	0.838	0.723		-13.72	20
trans-1,2-Dichloroethene	0.624	0.698		11.86	20
1,1-Dichloroethane	1.203	1.322	0.1	9.89	20
Cyclohexane	1.027	1.031		0.39	20
2-Butanone	0.275	0.276		0.36	20
Carbon Tetrachloride	0.430	0.504		17.21	20
cis-1,2-Dichloroethene	0.749	0.820		9.48	20
Bromochloromethane	0.566	0.610		7.77	20
Chloroform	1.220	1.377		12.87	20
1,1,1-Trichloroethane	0.864	0.981		13.54	20
Methylcyclohexane	0.551	0.593		7.62	20
Benzene	1.432	1.599		11.66	20
1,2-Dichloroethane	0.469	0.515		9.81	20
Trichloroethene	0.335	0.366		9.25	20
1,2-Dichloropropane	0.358	0.402		12.29	20
Bromodichloromethane	0.503	0.597		18.69	20
4-Methyl-2-Pentanone	0.313	0.344		9.9	20
Toluene	0.892	1.027		15.14	20
t-1,3-Dichloropropene	0.488	0.563		15.37	20
cis-1,3-Dichloropropene	0.562	0.643		14.41	20
1,1,2-Trichloroethane	0.294	0.336		14.29	20
2-Hexanone	0.220	0.244		10.91	20
Dibromochloromethane	0.334	0.413		23.65	20
1,2-Dibromoethane	0.287	0.319		11.15	20
Tetrachloroethene	0.299	0.315		5.35	20
Chlorobenzene	1.100	1.171	0.3	6.45	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	2.060		12.32	20
m/p-Xylenes	0.707	0.797		12.73	20
o-Xylene	0.661	0.740		11.95	20
Styrene	1.155	1.345		16.45	20
Bromoform	0.196	0.242	0.1	23.47	20
Isopropylbenzene	3.421	3.733		9.12	20
1,1,2,2-Tetrachloroethane	0.849	0.868	0.3	2.24	20
1,3-Dichlorobenzene	1.670	1.766		5.75	20
1,4-Dichlorobenzene	1.670	1.805		8.08	20
1,2-Dichlorobenzene	1.509	1.604		6.3	20
1,2-Dibromo-3-Chloropropane	0.149	0.158		6.04	20
1,2,4-Trichlorobenzene	0.905	0.957		5.75	20
1,2,3-Trichlorobenzene	0.853	0.902		5.74	20
1,2-Dichloroethane-d4	0.729	0.743		1.92	20
Dibromofluoromethane	0.324	0.347		7.1	20
Toluene-d8	1.195	1.278		6.95	20
4-Bromofluorobenzene	0.452	0.470		3.98	20

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