

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3363</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/16/2025 09:12</u>
Lab File ID:	<u>VY023481.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17 12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.335		-6.94	20
Chloromethane	0.490	0.458	0.1	-6.53	20
Vinyl Chloride	0.639	0.620		-2.97	20
Bromomethane	0.536	0.501		-6.53	20
Chloroethane	0.435	0.451		3.68	20
Trichlorofluoromethane	0.887	0.894		0.79	20
1,1,2-Trichlorotrifluoroethane	0.460	0.492		6.96	20
1,1-Dichloroethene	0.446	0.459		2.91	20
Acetone	0.100	0.100		0	20
Carbon Disulfide	1.277	1.314		2.9	20
Methyl tert-butyl Ether	1.072	1.019		-4.94	20
Methyl Acetate	0.261	0.259		-0.77	20
Methylene Chloride	0.538	0.501		-6.88	20
trans-1,2-Dichloroethene	0.491	0.520		5.91	20
1,1-Dichloroethane	0.796	0.843	0.1	5.91	20
Cyclohexane	0.696	0.680		-2.3	20
2-Butanone	0.122	0.109		-10.66	20
Carbon Tetrachloride	0.493	0.572		16.02	20
cis-1,2-Dichloroethene	0.567	0.607		7.05	20
Bromochloromethane	0.297	0.280		-5.72	20
Chloroform	0.875	0.939		7.31	20
1,1,1-Trichloroethane	0.795	0.854		7.42	20
Methylcyclohexane	0.530	0.590		11.32	20
Benzene	1.288	1.445		12.19	20
1,2-Dichloroethane	0.332	0.352		6.02	20
Trichloroethene	0.377	0.417		10.61	20
1,2-Dichloropropane	0.285	0.316		10.88	20
Bromodichloromethane	0.453	0.509		12.36	20
4-Methyl-2-Pentanone	0.166	0.160		-3.61	20
Toluene	0.836	0.959		14.71	20
t-1,3-Dichloropropene	0.394	0.422		7.11	20
cis-1,3-Dichloropropene	0.465	0.513		10.32	20
1,1,2-Trichloroethane	0.242	0.257		6.2	20
2-Hexanone	0.119	0.115		-3.36	20
Dibromochloromethane	0.339	0.367		8.26	20
1,2-Dibromoethane	0.231	0.246		6.49	20
Tetrachloroethene	0.516	0.587		13.76	20
Chlorobenzene	1.087	1.208	0.3	11.13	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	1.760	2.023		14.94	20
m/p-Xylenes	0.706	0.822		16.43	20
o-Xylene	0.662	0.755		14.05	20
Styrene	1.089	1.274		16.99	20
Bromoform	0.240	0.249	0.1	3.75	20
Isopropylbenzene	3.295	3.800		15.33	20
1,1,2,2-Tetrachloroethane	0.539	0.538	0.3	-0.19	20
1,3-Dichlorobenzene	1.706	1.877		10.02	20
1,4-Dichlorobenzene	1.685	1.803		7	20
1,2-Dichlorobenzene	1.496	1.613		7.82	20
1,2-Dibromo-3-Chloropropane	0.088	0.082		-6.82	20
1,2,4-Trichlorobenzene	0.932	0.959		2.9	20
1,2,3-Trichlorobenzene	0.808	0.811		0.37	20
1,2-Dichloroethane-d4	0.418	0.392		-6.22	20
Dibromofluoromethane	0.307	0.325		5.86	20
Toluene-d8	1.144	1.220		6.64	20
4-Bromofluorobenzene	0.378	0.390		3.17	20

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