

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2504</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>07/07/2025 09:08</u>
Lab File ID:	<u>VY022946.D</u>	Init. Calib. Date(s):	<u>06/23/2025 06/23/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:38 15:31</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.380		-11.22	20
Chloromethane	0.816	0.771	0.1	-5.51	20
Vinyl Chloride	1.020	0.912		-10.59	20
Bromomethane	0.802	0.649		-19.08	20
Chloroethane	0.686	0.623		-9.18	20
Trichlorofluoromethane	1.129	1.008		-10.72	20
1,1,2-Trichlorotrifluoroethane	0.516	0.504		-2.33	20
1,1-Dichloroethene	0.506	0.485		-4.15	20
Acetone	0.105	0.125		19.05	20
Carbon Disulfide	1.635	1.542		-5.69	20
Methyl tert-butyl Ether	1.378	1.304		-5.37	20
Methyl Acetate	0.349	0.311		-10.89	20
Methylene Chloride	0.666	0.591		-11.26	20
trans-1,2-Dichloroethene	0.578	0.557		-3.63	20
1,1-Dichloroethane	1.044	1.033	0.1	-1.05	20
Cyclohexane	0.959	0.918		-4.28	20
2-Butanone	0.154	0.158		2.6	20
Carbon Tetrachloride	0.486	0.497		2.26	20
cis-1,2-Dichloroethene	0.672	0.646		-3.87	20
Bromochloromethane	0.439	0.443		0.91	20
Chloroform	1.076	1.037		-3.54	20
1,1,1-Trichloroethane	0.929	0.915		-1.51	20
Methylcyclohexane	0.596	0.610		2.35	20
Benzene	1.417	1.451		2.4	20
1,2-Dichloroethane	0.388	0.385		-0.77	20
Trichloroethene	0.356	0.363		1.97	20
1,2-Dichloropropane	0.332	0.341		2.71	20
Bromodichloromethane	0.485	0.491		1.24	20
4-Methyl-2-Pentanone	0.210	0.217		3.33	20
Toluene	0.894	0.904		1.12	20
t-1,3-Dichloropropene	0.437	0.448		2.52	20
cis-1,3-Dichloropropene	0.506	0.524		3.56	20
1,1,2-Trichloroethane	0.244	0.246		0.82	20
2-Hexanone	0.143	0.151		5.59	20
Dibromochloromethane	0.315	0.319		1.27	20
1,2-Dibromoethane	0.228	0.227		-0.44	20
Tetrachloroethene	0.472	0.483		2.33	20
Chlorobenzene	1.099	1.117	0.3	1.64	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	1.930	2.005		3.89	20
m/p-Xylenes	0.746	0.775		3.89	20
o-Xylene	0.703	0.715		1.71	20
Styrene	1.178	1.211		2.8	20
Bromoform	0.207	0.206	0.1	-0.48	20
Isopropylbenzene	3.698	3.864		4.49	20
1,1,2,2-Tetrachloroethane	0.596	0.609	0.3	2.18	20
1,3-Dichlorobenzene	1.683	1.729		2.73	20
1,4-Dichlorobenzene	1.672	1.691		1.14	20
1,2-Dichlorobenzene	1.483	1.504		1.42	20
1,2-Dibromo-3-Chloropropane	0.101	0.101		0	20
1,2,4-Trichlorobenzene	0.838	0.846		0.95	20
1,2,3-Trichlorobenzene	0.724	0.712		-1.66	20
1,2-Dichloroethane-d4	0.558	0.526		-5.74	20
Dibromofluoromethane	0.304	0.304		0	20
Toluene-d8	1.207	1.210		0.25	20
4-Bromofluorobenzene	0.388	0.394		1.55	20

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