

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>07/08/2025 11:15</u>
Lab File ID:	<u>VY022968.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	0.354		-17.29	20
Chloromethane	0.816	0.814	0.1	-0.25	20
Vinyl Chloride	1.020	0.965		-5.39	20
Bromomethane	0.802	0.764		-4.74	20
Chloroethane	0.686	0.670		-2.33	20
Trichlorofluoromethane	1.129	1.053		-6.73	20
1,1,2-Trichlorotrifluoroethane	0.516	0.487		-5.62	20
1,1-Dichloroethene	0.506	0.476		-5.93	20
Acetone	0.105	0.122		16.19	20
Carbon Disulfide	1.635	1.468		-10.21	20
Methyl tert-butyl Ether	1.378	1.374		-0.29	20
Methyl Acetate	0.349	0.354		1.43	20
Methylene Chloride	0.666	0.638		-4.2	20
trans-1,2-Dichloroethene	0.578	0.544		-5.88	20
1,1-Dichloroethane	1.044	1.034	0.1	-0.96	20
Cyclohexane	0.959	0.901		-6.05	20
2-Butanone	0.154	0.165		7.14	20
Carbon Tetrachloride	0.486	0.476		-2.06	20
cis-1,2-Dichloroethene	0.672	0.641		-4.61	20
Bromochloromethane	0.439	0.454		3.42	20
Chloroform	1.076	1.046		-2.7	20
1,1,1-Trichloroethane	0.929	0.902		-2.91	20
Methylcyclohexane	0.596	0.582		-2.35	20
Benzene	1.417	1.404		-0.92	20
1,2-Dichloroethane	0.388	0.393		1.29	20
Trichloroethene	0.356	0.347		-2.53	20
1,2-Dichloropropane	0.332	0.337		1.51	20
Bromodichloromethane	0.485	0.482		-0.62	20
4-Methyl-2-Pentanone	0.210	0.230		9.52	20
Toluene	0.894	0.893		-0.11	20
t-1,3-Dichloropropene	0.437	0.444		1.6	20
cis-1,3-Dichloropropene	0.506	0.518		2.37	20
1,1,2-Trichloroethane	0.244	0.245		0.41	20
2-Hexanone	0.143	0.158		10.49	20
Dibromochloromethane	0.315	0.313		-0.63	20
1,2-Dibromoethane	0.228	0.231		1.32	20
Tetrachloroethene	0.472	0.449		-4.87	20
Chlorobenzene	1.099	1.090	0.3	-0.82	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	1.941		0.57	20
m/p-Xylenes	0.746	0.752		0.8	20
o-Xylene	0.703	0.706		0.43	20
Styrene	1.178	1.195		1.44	20
Bromoform	0.207	0.210	0.1	1.45	20
Isopropylbenzene	3.698	3.689		-0.24	20
1,1,2,2-Tetrachloroethane	0.596	0.621	0.3	4.2	20
1,3-Dichlorobenzene	1.683	1.671		-0.71	20
1,4-Dichlorobenzene	1.672	1.637		-2.09	20
1,2-Dichlorobenzene	1.483	1.455		-1.89	20
1,2-Dibromo-3-Chloropropane	0.101	0.103		1.98	20
1,2,4-Trichlorobenzene	0.838	0.807		-3.7	20
1,2,3-Trichlorobenzene	0.724	0.692		-4.42	20
1,2-Dichloroethane-d4	0.558	0.544		-2.51	20
Dibromofluoromethane	0.304	0.301		-0.99	20
Toluene-d8	1.207	1.196		-0.91	20
4-Bromofluorobenzene	0.388	0.385		-0.77	20

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