

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3715</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>11/25/2025 09:48</u>
Lab File ID:	<u>VX048672.D</u>	Init. Calib. Date(s):	<u>11/07/2025 11/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:35 16:29</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.413		1.98	20
Chloromethane	0.537	0.483	0.1	-10.06	20
Vinyl Chloride	0.608	0.527		-13.32	20
Bromomethane	0.384	0.368		-4.17	20
Chloroethane	0.398	0.346		-13.06	20
Trichlorofluoromethane	0.963	0.919		-4.57	20
1,1,2-Trichlorotrifluoroethane	0.557	0.610		9.52	20
Tert butyl alcohol	0.132	0.165		25	20
1,1-Dichloroethene	0.582	0.575		-1.2	20
Acetone	0.330	0.314		-4.85	20
Carbon Disulfide	1.638	1.321		-19.35	20
Methyl tert-butyl Ether	2.055	2.362		14.94	20
Methyl Acetate	0.906	1.064		17.44	20
Methylene Chloride	0.678	0.693		2.21	20
trans-1,2-Dichloroethene	0.617	0.606		-1.78	20
1,1-Dichloroethane	1.142	1.173	0.1	2.71	20
Cyclohexane	0.936	0.866		-7.48	20
2-Butanone	0.488	0.538		10.25	20
Carbon Tetrachloride	0.577	0.548		-5.03	20
cis-1,2-Dichloroethene	0.754	0.757		0.4	20
Bromochloromethane	0.561	0.864		54.01	20
Chloroform	1.179	1.265		7.29	20
1,1,1-Trichloroethane	1.029	1.095		6.41	20
Methylcyclohexane	0.569	0.528		-7.21	20
Benzene	1.571	1.400		-10.89	20
1,2-Dichloroethane	0.538	0.542		0.74	20
Trichloroethene	0.375	0.353		-5.87	20
1,2-Dichloropropane	0.361	0.377		4.43	20
Bromodichloromethane	0.526	0.600		14.07	20
4-Methyl-2-Pentanone	0.571	0.690		20.84	20
Toluene	0.827	0.885		7.01	20
t-1,3-Dichloropropene	0.541	0.605		11.83	20
cis-1,3-Dichloropropene	0.561	0.636		13.37	20
1,1,2-Trichloroethane	0.330	0.390		18.18	20
2-Hexanone	0.425	0.503		18.35	20
Dibromochloromethane	0.406	0.481		18.47	20
1,2-Dibromoethane	0.358	0.410		14.52	20
Tetrachloroethene	0.363	0.366		0.83	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
Chlorobenzene	1.187	1.213	0.3	2.19	20
Ethyl Benzene	1.993	2.042		2.46	20
m/p-Xylenes	0.751	0.787		4.79	20
o-Xylene	0.734	0.771		5.04	20
Styrene	1.232	1.356		10.06	20
Bromoform	0.367	0.411	0.1	11.99	20
Isopropylbenzene	3.629	3.740		3.06	20
1,1,2,2-Tetrachloroethane	1.280	1.355	0.3	5.86	20
1,3-Dichlorobenzene	1.756	1.782		1.48	20
1,4-Dichlorobenzene	1.814	1.826		0.66	20
1,2-Dichlorobenzene	1.686	1.755		4.09	20
1,2-Dibromo-3-Chloropropane	0.297	0.273		-8.08	20
1,2,4-Trichlorobenzene	1.120	1.092		-2.5	20
1,2,3-Trichlorobenzene	1.042	1.065		2.21	20
1,2-Dichloroethane-d4	0.697	0.662		-5.02	20
Dibromofluoromethane	0.378	0.318		-15.87	20
Toluene-d8	1.180	1.034		-12.37	20
4-Bromofluorobenzene	0.440	0.397		-9.77	20

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