

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3557</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>11/06/2025 07:19</u>
Lab File ID:	<u>VL043155.D</u>	Init. Calib. Date(s):	<u>10/14/2025 10/14/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:31 14:18</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.422	1.540		8.3	30
Chloromethane	0.563	0.511		-9.24	30
Vinyl Chloride	0.552	0.514		-6.88	30
Bromomethane	0.303	0.317		4.62	30
Chloroethane	0.226	0.206		-8.85	30
Tetrahydrofuran	0.376	0.348		-7.45	30
Trichlorofluoromethane	1.391	1.658		19.19	30
1,1,2-Trichlorotrifluoroethane	1.120	1.290		15.18	30
Dichlorotetrafluoroethane	1.149	1.236		7.57	30
tert-Butyl alcohol	1.850	1.830		-1.08	30
Heptane	1.964	1.685		-14.21	30
1,1-Dichloroethene	0.488	0.538		10.25	30
Acetone	1.348	1.223		-9.27	30
Carbon Disulfide	1.411	1.508		6.88	30
Methyl tert-Butyl Ether	0.701	0.712		1.57	30
Methylene Chloride	0.533	0.467		-12.38	30
trans-1,2-Dichloroethene	0.583	0.623		6.86	30
1,1-Dichloroethane	1.127	1.188		5.41	30
Cyclohexane	1.344	1.256		-6.55	30
2-Butanone	0.672	0.688		2.38	30
Carbon Tetrachloride	0.719	0.852		18.5	30
cis-1,2-Dichloroethene	1.471	1.509		2.58	30
Chloroform	2.232	2.437		9.19	30
1,1,1-Trichloroethane	2.324	2.520		8.43	30
2,2,4-Trimethylpentane	1.589	1.566		-1.45	30
Benzene	0.942	0.956		1.49	30
1,2-Dichloroethane	0.543	0.624		14.92	30
Trichloroethene	0.393	0.379		-3.56	30
1,2-Dichloropropane	0.344	0.343		-0.29	30
Bromodichloromethane	0.751	0.853		13.58	30
4-Methyl-2-Pentanone	0.928	0.866		-6.68	30
Toluene	1.118	1.096		-1.97	30
t-1,3-Dichloropropene	0.480	0.492		2.5	30
cis-1,3-Dichloropropene	0.573	0.578		0.87	30
1,1,2-Trichloroethane	0.372	0.382		2.69	30
Dibromochloromethane	0.622	0.699		12.38	30
1,2-Dibromoethane	0.582	0.602		3.44	30
Tetrachloroethene	0.340	0.353		3.82	30

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	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.936	0.957		2.24	30
Ethyl Benzene	1.716	1.761		2.62	30
m/p-Xylene	1.369	1.442		5.33	30
o-Xylene	1.352	1.428		5.62	30
Styrene	0.610	0.601		-1.48	30
Bromoform	0.505	0.603		19.41	30
1,1,2,2-Tetrachloroethane	0.905	0.913		0.88	30
2-Chlorotoluene	1.863	1.949		4.62	30
1,3,5-Trimethylbenzene	1.371	1.463		6.71	30
1,2,4-Trimethylbenzene	1.534	1.599		4.24	30
1,3-Dichlorobenzene	0.890	0.974		9.44	30
1,4-Dichlorobenzene	0.897	0.976		8.81	30
1,2-Dichlorobenzene	0.861	0.919		6.74	30
1,2,4-Trichlorobenzene	0.666	0.715		7.36	30
Hexachloro-1,3-Butadiene	0.667	0.694		4.05	30
1,3-Butadiene	0.642	0.564		-12.15	30
Naphthalene	1.604	1.622		1.12	30
4-Ethyltoluene	1.662	1.778		6.98	30
1-Bromo-4-Fluorobenzene	0.777	0.822		5.79	30
Hexane	1.540	1.464		-4.93	30
Allyl Chloride	0.993	0.925		-6.85	30
1,4-Dioxane	154.080	147.512		-4.26	30
Methyl Methacrylate	0.478	0.460		-3.77	30

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