

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG No.: Q2880

Instrument ID: MSVOA_X

Calibration Date/Time: 08/15/2025 10:22

Lab File ID: VX047351.D

Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.731		14.76	
Chloromethane	0.573	0.624		8.9	
Vinyl Chloride	0.720	0.800		11.11	
Ethyl Acetate	0.532	0.590		10.9	
Bromomethane	0.291	0.336		15.46	
Chloroethane	0.440	0.463		5.23	
Trichlorofluoromethane	1.065	1.188		11.55	
1,1,2-Trichlorotrifluoroethane	0.618	0.697		12.78	
Tert butyl alcohol	0.061	0.068		11.48	
1,1-Dichloroethene	0.630	0.697		10.64	
Acrolein	0.129	0.132		2.33	
Acrylonitrile	0.294	0.340		15.65	
Acetone	0.263	0.280		6.46	
Carbon Disulfide	1.900	1.993		4.89	
Methyl tert-butyl Ether	1.915	2.175		13.58	
Methyl Acetate	0.682	0.769		12.76	
Methylene Chloride	0.697	0.757		8.61	
trans-1,2-Dichloroethene	0.668	0.725		8.53	
Vinyl Acetate	1.772	2.040		15.12	
1,1-Dichloroethane	1.222	1.356		10.97	
Cyclohexane	1.126	1.210		7.46	
2-Butanone	0.344	0.389		13.08	
Carbon Tetrachloride	0.560	0.607		8.39	
2,2-Dichloropropane	0.922	1.017		10.3	
cis-1,2-Dichloroethene	0.778	0.846		8.74	
Bromochloromethane	0.508	0.540		6.3	
Chloroform	1.247	1.368		9.7	
1,1,1-Trichloroethane	1.073	1.195		11.37	
Methylcyclohexane	0.639	0.695		8.76	
1,1-Dichloropropene	0.512	0.562		9.77	
Benzene	1.533	1.701		10.96	
1,2-Dichloroethane	0.543	0.600		10.5	
Trichloroethene	0.393	0.432		9.92	
1,2-Dichloropropane	0.384	0.421		9.64	
Dibromomethane	0.279	0.302		8.24	
Bromodichloromethane	0.578	0.635		9.86	
4-Methyl-2-Pentanone	0.440	0.509		15.68	
Toluene	0.947	1.057		11.62	

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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Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2880</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/15/2025</u> <u>10:22</u>
Lab File ID:	<u>VX047351.D</u>	Init. Calib. Date(s):	<u>08/15/2025</u> <u>08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40</u> <u>12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.505	0.584		15.64	
cis-1,3-Dichloropropene	0.571	0.642		12.43	
1,1,2-Trichloroethane	0.360	0.396		10	
1,3-Dichloropropane	0.613	0.670		9.3	
2-Chloroethyl Vinyl ether	0.211	0.274		29.86	
2-Hexanone	0.304	0.347		14.15	
Dibromochloromethane	0.428	0.464		8.41	
1,2-Dibromoethane	0.371	0.409		10.24	
Tetrachloroethene	0.362	0.398		9.94	
Chlorobenzene	1.188	1.286		8.25	
1,1,1,2-Tetrachloroethane	0.402	0.441		9.7	
Hexachloroethane	0.591	0.653		10.49	
Ethyl Benzene	2.045	2.277		11.35	
m/p-Xylenes	0.763	0.858		12.45	
o-Xylene	0.734	0.813		10.76	
Styrene	1.240	1.411		13.79	
Bromoform	0.302	0.335		10.93	
Isopropylbenzene	3.913	4.399		12.42	
1,1,2,2-Tetrachloroethane	1.149	1.269		10.44	
1,2,3-Trichloropropane	0.917	1.014		10.58	
Bromobenzene	0.955	1.053		10.26	
n-propylbenzene	4.673	5.179		10.83	
2-Chlorotoluene	2.825	3.096		9.59	
1,3,5-Trimethylbenzene	3.219	3.588		11.46	
4-Chlorotoluene	3.330	3.630		9.01	
tert-Butylbenzene	3.212	3.619		12.67	
1,2,4-Trimethylbenzene	3.219	3.645		13.23	
sec-Butylbenzene	3.981	4.417		10.95	
p-Isopropyltoluene	3.369	3.726		10.6	
1,3-Dichlorobenzene	1.825	1.983		8.66	
1,4-Dichlorobenzene	1.877	1.986		5.81	
n-Butylbenzene	3.133	3.444		9.93	
1,2-Dichlorobenzene	1.733	1.862		7.44	
1,2-Dibromo-3-Chloropropane	0.222	0.247		11.26	
1,2,4-Trichlorobenzene	1.161	1.234		6.29	
Hexachlorobutadiene	0.413	0.404		-2.18	
Naphthalene	3.319	3.779		13.86	
1,2,3-Trichlorobenzene	1.095	1.174		7.22	

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.700	0.700		0	
Dibromofluoromethane	0.325	0.331		1.85	
Toluene-d8	1.160	1.171		0.95	
4-Bromofluorobenzene	0.428	0.428		0	

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