

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG No.: Q2552

Instrument ID: MSVOA_U

Calibration Date/Time: 07/18/2025 09:11

Lab File ID: VU063532.D

Init. Calib. Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 09:24 12:11

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.295	0.285		-3.39	30
Chloromethane	0.274	0.271		-1.1	30
Vinyl Chloride	0.349	0.339		-2.87	30
Bromomethane	0.263	0.257		-2.28	30
Chloroethane	0.211	0.211		0	30
Tetrahydrofuran	0.057	0.054		-5.26	30
Trichlorofluoromethane	0.501	0.508		1.4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.262	0.269		2.67	30
tert-Butyl Alcohol	0.024	0.024		0	30
Diethyl Ether	0.198	0.207		4.55	30
1,1-Dichloroethene	0.260	0.260		0	30
Acrylonitrile	0.065	0.066		1.54	30
Acetone	0.052	0.090		73.08	30
Carbon Disulfide	0.839	0.746		-11.09	30
Methyl tert-Butyl Ether	0.678	0.701		3.39	30
Methyl acrylate	0.160	0.155		-3.13	30
Methylene Chloride	0.306	0.304		-0.65	30
trans-1,2-Dichloroethene	0.295	0.292		-1.02	30
1,1-Dichloroethane	0.546	0.553		1.28	30
Cyclohexane	0.463	0.463		0	30
2-Butanone	0.081	0.108		33.33	30
Carbon Tetrachloride	0.381	0.391		2.63	30
2,2-Dichloropropane	0.465	0.465		0	30
cis-1,2-Dichloroethene	0.320	0.322		0.63	30
Bromochloromethane	0.134	0.137		2.24	30
Chloroform	0.558	0.577		3.4	30
1,1,1-Trichloroethane	0.473	0.486		2.75	30
Methylcyclohexane	0.450	0.407		-9.56	30
1,1-Dichloropropene	0.438	0.442		0.91	30
Propionitrile	0.025	0.024		-4	30
Benzene	1.178	1.246		5.77	30
1,2-Dichloroethane	0.366	0.390		6.56	30
Trichloroethene	0.301	0.269		-10.63	30
1,2-Dichloropropane	0.276	0.267		-3.26	30
1-Chlorobutane	0.583	0.602		3.26	30
Dibromomethane	0.143	0.142		-0.7	30
Bromodichloromethane	0.322	0.316		-1.86	30
4-Methyl-2-Pentanone	0.147	0.154		4.76	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
Toluene	0.643	0.658		2.33	30
t-1,3-Dichloropropene	0.253	0.260		2.77	30
cis-1,3-Dichloropropene	0.339	0.343		1.18	30
1,1,2-Trichloroethane	0.192	0.199		3.65	30
1,3-Dichloropropane	0.332	0.343		3.31	30
2-Hexanone	0.098	0.120		22.45	30
Dibromochloromethane	0.203	0.211		3.94	30
1,2-Dibromoethane	0.172	0.176		2.33	30
Tetrachloroethene	0.275	0.263		-4.36	30
Chlorobenzene	0.739	0.757		2.44	30
1,1,1,2-Tetrachloroethane	0.238	0.239		0.42	30
Hexachloroethane	0.166	0.176		6.02	30
Ethyl Benzene	1.271	1.307		2.83	30
m/p-Xylenes	0.494	0.516		4.45	30
o-Xylene	0.475	0.505		6.32	30
Styrene	0.757	0.823		8.72	30
Bromoform	0.104	0.103		-0.96	30
Isopropylbenzene	1.148	1.225		6.71	30
1,1,2,2-Tetrachloroethane	0.234	0.249		6.41	30
1,2,3-Trichloropropane	0.190	0.194		2.11	30
Bromobenzene	0.296	0.303		2.37	30
n-propylbenzene	0.346	0.377		8.96	30
2-Chlorotoluene	0.305	0.322		5.57	30
1,3,5-Trimethylbenzene	1.097	1.189		8.39	30
4-Chlorotoluene	0.310	0.337		8.71	30
tert-Butylbenzene	1.048	1.124		7.25	30
1,2,4-Trimethylbenzene	1.088	1.184		8.82	30
sec-Butylbenzene	1.413	1.542		9.13	30
p-Isopropyltoluene	1.180	1.299		10.09	30
1,3-Dichlorobenzene	0.593	0.633		6.74	30
1,4-Dichlorobenzene	0.593	0.639		7.76	30
n-Butylbenzene	1.094	1.250		14.26	30
1,2-Dichlorobenzene	0.557	0.605		8.62	30
1,2-Dibromo-3-Chloropropane	0.033	0.037		12.12	30
1,2,4-Trichlorobenzene	0.346	0.373		7.8	30
Hexachlorobutadiene	0.197	0.204		3.55	30
Naphthalene	0.621	0.682		9.82	30
1,2,3-Trichlorobenzene	0.320	0.344		7.5	30

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COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Nitrobenzene	0.004	0.004		0	30
1,2-Dichlorobenzene-d4	0.350	0.381		8.86	30
4-Bromofluorobenzene	0.379	0.425		12.14	30
Iodomethane	0.314	0.333		6.05	30
Allyl Chloride	0.375	0.378		0.8	30
t-1,4-Dichloro-2-butene	0.055	0.055		0	30
Methacrylonitrile	0.109	0.102		-6.42	30
Ethyl methacrylate	0.229	0.243		6.11	30
Isopropyl Ether	0.825	0.824		-0.12	30
Methyl methacrylate	0.120	0.123		2.5	30

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