

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2558

Instrument ID: MSVOA_W

Calibration Date/Time: 07/10/2025 08:47

Lab File ID: VW031791.D

Init. Calib. Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y

Init. Calib. Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.332		-2.64	20
Chloromethane	0.411	0.420	0.1	2.19	20
Vinyl Chloride	0.540	0.564		4.44	20
Bromomethane	0.421	0.402		-4.51	20
Chloroethane	0.367	0.366		-0.27	20
Tetrahydrofuran	0.158	0.160		1.27	20
Trichlorofluoromethane	0.490	0.492		0.41	20
1,1,2-Trichlorotrifluoroethane	0.544	0.551		1.29	20
1,1-Dichloroethene	0.596	0.602		1.01	20
Acrylonitrile	0.183	0.179		-2.19	20
Acetone	0.177	0.174		-1.7	20
Carbon Disulfide	1.594	1.572		-1.38	20
Methyl tert-butyl Ether	1.011	1.104		9.2	20
Methylene Chloride	0.814	0.823		1.11	20
trans-1,2-Dichloroethene	0.633	0.640		1.11	20
1,1-Dichloroethane	1.156	1.209	0.1	4.59	20
2-Butanone	0.231	0.241		4.33	20
Carbon Tetrachloride	0.481	0.507		5.41	20
2,2-Dichloropropane	0.674	0.689		2.23	20
cis-1,2-Dichloroethene	0.728	0.766		5.22	20
Chloroform	1.228	1.273		3.66	20
1,1,1-Trichloroethane	0.946	0.972		2.75	20
1,1-Dichloropropene	0.472	0.507		7.41	20
Benzene	1.397	1.483		6.16	20
1,2-Dichloroethane	0.472	0.498		5.51	20
Trichloroethene	0.349	0.349		0	20
1,2-Dichloropropane	0.338	0.363		7.4	20
Dibromomethane	0.218	0.231		5.96	20
Bromodichloromethane	0.511	0.559		9.39	20
4-Methyl-2-Pentanone	0.295	0.312		5.76	20
Toluene	0.894	0.967		8.17	20
t-1,3-Dichloropropene	0.480	0.540		12.5	20
cis-1,3-Dichloropropene	0.544	0.610		12.13	20
1,1,2-Trichloroethane	0.286	0.303		5.94	20
1,3-Dichloropropane	0.501	0.544		8.58	20
2-Hexanone	0.200	0.219		9.5	20
Dibromochloromethane	0.341	0.365		7.04	20
1,2-Dibromoethane	0.286	0.301		5.24	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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Tetrachloroethene	0.327	0.330		0.92	20
Chlorobenzene	1.103	1.194	0.3	8.25	20
1,1,1,2-Tetrachloroethane	0.352	0.385		9.38	20
Ethyl Benzene	1.913	2.125		11.08	20
m/p-Xylenes	0.735	0.834		13.47	20
o-Xylene	0.681	0.781		14.68	20
Styrene	1.177	1.307		11.05	20
Bromoform	0.210	0.217	0.1	3.33	20
Isopropylbenzene	3.803	4.324		13.7	20
1,1,2,2-Tetrachloroethane	0.844	0.925	0.3	9.6	20
1,2,3-Trichloropropane	0.646	0.683		5.73	20
Bromobenzene	0.848	0.935		10.26	20
n-propylbenzene	4.554	5.291		16.18	20
2-Chlorotoluene	2.743	3.127		14	20
1,3,5-Trimethylbenzene	3.148	3.642		15.69	20
4-Chlorotoluene	2.879	3.226		12.05	20
tert-Butylbenzene	2.697	3.113		15.43	20
1,2,4-Trimethylbenzene	3.190	3.655		14.58	20
sec-Butylbenzene	4.048	4.694		15.96	20
p-Isopropyltoluene	3.336	3.917		17.42	20
1,3-Dichlorobenzene	1.701	1.790		5.23	20
1,4-Dichlorobenzene	1.741	1.807		3.79	20
n-Butylbenzene	3.241	3.741		15.43	20
1,2-Dichlorobenzene	1.555	1.645		5.79	20
1,2-Dibromo-3-Chloropropane	0.165	0.173		4.85	20
1,2,4-Trichlorobenzene	0.959	1.053		9.8	20
Hexachlorobutadiene	0.463	0.510		10.15	20
1,2,3-Trichlorobenzene	0.881	0.966		9.65	20
1,2-Dichloroethane-d4	0.718	0.700		-2.51	20
Dibromofluoromethane	0.326	0.329		0.92	20
Toluene-d8	1.214	1.231		1.4	20
4-Bromofluorobenzene	0.447	0.459		2.68	20
trans-1,4-Dichloro-2-butene	0.277	0.315		13.72	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.