

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3447</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>11/03/2025 09:25</u>
Lab File ID:	<u>VY023647.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17 12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.304		-15.56	20
Chloromethane	0.490	0.411	0.1	-16.12	20
Vinyl Chloride	0.639	0.571		-10.64	20
Bromomethane	0.536	0.465		-13.25	20
Chloroethane	0.435	0.418		-3.91	20
Trichlorofluoromethane	0.887	0.885		-0.22	20
1,1,2-Trichlorotrifluoroethane	0.460	0.497		8.04	20
1,1-Dichloroethene	0.446	0.463		3.81	20
Acetone	0.100	0.109		9	20
Carbon Disulfide	1.277	1.190		-6.81	20
Methyl tert-butyl Ether	1.072	1.196		11.57	20
Methyl Acetate	0.261	0.343		31.42	20
Methylene Chloride	0.538	0.512		-4.83	20
trans-1,2-Dichloroethene	0.491	0.524		6.72	20
1,1-Dichloroethane	0.796	0.878	0.1	10.3	20
Cyclohexane	0.696	0.691		-0.72	20
2-Butanone	0.122	0.129		5.74	20
Carbon Tetrachloride	0.493	0.558		13.19	20
cis-1,2-Dichloroethene	0.567	0.634		11.82	20
Bromochloromethane	0.297	0.281		-5.39	20
Chloroform	0.875	0.995		13.71	20
1,1,1-Trichloroethane	0.795	0.889		11.82	20
Methylcyclohexane	0.530	0.575		8.49	20
Benzene	1.288	1.451		12.65	20
1,2-Dichloroethane	0.332	0.365		9.94	20
Trichloroethene	0.377	0.418		10.88	20
1,2-Dichloropropane	0.285	0.325		14.03	20
Bromodichloromethane	0.453	0.517		14.13	20
4-Methyl-2-Pentanone	0.166	0.191		15.06	20
Toluene	0.836	0.958		14.59	20
t-1,3-Dichloropropene	0.394	0.447		13.45	20
cis-1,3-Dichloropropene	0.465	0.529		13.76	20
1,1,2-Trichloroethane	0.242	0.278		14.88	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.388		14.45	20
1,2-Dibromoethane	0.231	0.258		11.69	20
Tetrachloroethene	0.516	0.598		15.89	20
Chlorobenzene	1.087	1.212	0.3	11.5	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3447</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>11/03/2025</u> <u>09:25</u>
Lab File ID:	<u>VY023647.D</u>	Init. Calib. Date(s):	<u>10/07/2025</u> <u>10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17</u> <u>12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	2.043		16.08	20
m/p-Xylenes	0.706	0.814		15.3	20
o-Xylene	0.662	0.770		16.31	20
Styrene	1.089	1.273		16.9	20
Bromoform	0.240	0.269	0.1	12.08	20
Isopropylbenzene	3.295	3.970		20.49	20
1,1,2,2-Tetrachloroethane	0.539	0.605	0.3	12.24	20
1,3-Dichlorobenzene	1.706	1.906		11.72	20
1,4-Dichlorobenzene	1.685	1.856		10.15	20
1,2-Dichlorobenzene	1.496	1.656		10.69	20
1,2-Dibromo-3-Chloropropane	0.088	0.092		4.55	20
1,2,4-Trichlorobenzene	0.932	0.972		4.29	20
1,2,3-Trichlorobenzene	0.808	0.817		1.11	20
1,2-Dichloroethane-d4	0.418	0.397		-5.02	20
Dibromofluoromethane	0.307	0.311		1.3	20
Toluene-d8	1.144	1.145		0.09	20
4-Bromofluorobenzene	0.378	0.383		1.32	20

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