

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>HDRI08</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3466</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/27/2025</u> <u>09:12</u>
Lab File ID:	<u>VY023585.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
Dichlorodifluoromethane	0.360	0.324		-10	20
Chloromethane	0.490	0.433	0.1	-11.63	20
Vinyl Chloride	0.639	0.590		-7.67	20
Bromomethane	0.536	0.482		-10.07	20
Chloroethane	0.435	0.424		-2.53	20
Trichlorofluoromethane	0.887	0.907		2.26	20
1,1,2-Trichlorotrifluoroethane	0.460	0.503		9.35	20
1,1-Dichloroethene	0.446	0.469		5.16	20
Acetone	0.100	0.113		13	20
Carbon Disulfide	1.277	1.229		-3.76	20
Methyl tert-butyl Ether	1.072	1.160		8.21	20
Methyl Acetate	0.261	0.316		21.07	20
Methylene Chloride	0.538	0.510		-5.2	20
trans-1,2-Dichloroethene	0.491	0.531		8.15	20
1,1-Dichloroethane	0.796	0.858	0.1	7.79	20
Cyclohexane	0.696	0.690		-0.86	20
2-Butanone	0.122	0.129		5.74	20
Carbon Tetrachloride	0.493	0.570		15.62	20
cis-1,2-Dichloroethene	0.567	0.628		10.76	20
Bromochloromethane	0.297	0.271		-8.75	20
Chloroform	0.875	0.975		11.43	20
1,1,1-Trichloroethane	0.795	0.883		11.07	20
Methylcyclohexane	0.530	0.598		12.83	20
Benzene	1.288	1.460		13.35	20
1,2-Dichloroethane	0.332	0.366		10.24	20
Trichloroethene	0.377	0.435		15.39	20
1,2-Dichloropropane	0.285	0.321		12.63	20
Bromodichloromethane	0.453	0.521		15.01	20
4-Methyl-2-Pentanone	0.166	0.190		14.46	20
Toluene	0.836	0.978		16.99	20
t-1,3-Dichloropropene	0.394	0.447		13.45	20
cis-1,3-Dichloropropene	0.465	0.526		13.12	20
1,1,2-Trichloroethane	0.242	0.281		16.12	20
2-Hexanone	0.119	0.137		15.13	20
Dibromochloromethane	0.339	0.390		15.04	20
1,2-Dibromoethane	0.231	0.264		14.29	20
Tetrachloroethene	0.516	0.614		18.99	20
Chlorobenzene	1.087	1.243	0.3	14.35	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>HDRI08</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3466</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/27/2025</u> <u>09:12</u>
Lab File ID:	<u>VY023585.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	2.077		18.01	20
m/p-Xylenes	0.706	0.830		17.56	20
o-Xylene	0.662	0.788		19.03	20
Styrene	1.089	1.297		19.1	20
Bromoform	0.240	0.279	0.1	16.25	20
Isopropylbenzene	3.295	3.956		20.06	20
1,1,2,2-Tetrachloroethane	0.539	0.604	0.3	12.06	20
1,3-Dichlorobenzene	1.706	1.961		14.95	20
1,4-Dichlorobenzene	1.685	1.898		12.64	20
1,2-Dichlorobenzene	1.496	1.710		14.31	20
1,2-Dibromo-3-Chloropropane	0.088	0.096		9.09	20
1,2,4-Trichlorobenzene	0.932	1.068		14.59	20
1,2,3-Trichlorobenzene	0.808	0.927		14.73	20
1,2-Dichloroethane-d4	0.418	0.400		-4.31	20
Dibromofluoromethane	0.307	0.319		3.91	20
Toluene-d8	1.144	1.166		1.92	20
4-Bromofluorobenzene	0.378	0.391		3.44	20

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