

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3661</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/19/2025</u> <u>10:01</u>
Lab File ID:	<u>VW032490.D</u>	Init. Calib. Date(s):	<u>11/10/2025</u> <u>11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11</u> <u>17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.275		8.27	20
Chloromethane	0.435	0.456	0.1	4.83	20
Vinyl Chloride	0.549	0.594		8.2	20
Bromomethane	0.367	0.393		7.08	20
Chloroethane	0.359	0.382		6.41	20
Trichlorofluoromethane	0.430	0.419		-2.56	20
1,1,2-Trichlorotrifluoroethane	0.469	0.514		9.6	20
1,1-Dichloroethene	0.537	0.587		9.31	20
Acetone	0.193	0.217		12.44	20
Carbon Disulfide	1.588	1.707		7.49	20
Methyl tert-butyl Ether	1.133	1.191		5.12	20
Methyl Acetate	0.478	0.544		13.81	20
Methylene Chloride	0.690	0.738		6.96	20
trans-1,2-Dichloroethene	0.615	0.678		10.24	20
1,1-Dichloroethane	1.153	1.290	0.1	11.88	20
Cyclohexane	1.066	1.077		1.03	20
2-Butanone	0.284	0.303		6.69	20
Carbon Tetrachloride	0.392	0.429		9.44	20
cis-1,2-Dichloroethene	0.734	0.800		8.99	20
Bromochloromethane	0.545	0.601		10.27	20
Chloroform	1.129	1.290		14.26	20
1,1,1-Trichloroethane	0.806	0.859		6.58	20
Methylcyclohexane	0.571	0.600		5.08	20
Benzene	1.420	1.545		8.8	20
1,2-Dichloroethane	0.417	0.472		13.19	20
Trichloroethene	0.331	0.343		3.63	20
1,2-Dichloropropane	0.354	0.399		12.71	20
Bromodichloromethane	0.471	0.534		13.38	20
4-Methyl-2-Pentanone	0.321	0.360		12.15	20
Toluene	0.877	0.971		10.72	20
t-1,3-Dichloropropene	0.486	0.523		7.61	20
cis-1,3-Dichloropropene	0.562	0.604		7.47	20
1,1,2-Trichloroethane	0.284	0.315		10.91	20
2-Hexanone	0.235	0.257		9.36	20
Dibromochloromethane	0.317	0.346		9.15	20
1,2-Dibromoethane	0.276	0.296		7.25	20
Tetrachloroethene	0.296	0.324		9.46	20
Chlorobenzene	1.078	1.146	0.3	6.31	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	1.963		5.26	20
m/p-Xylenes	0.700	0.774		10.57	20
o-Xylene	0.670	0.727		8.51	20
Styrene	1.153	1.262		9.45	20
Bromoform	0.198	0.212	0.1	7.07	20
Isopropylbenzene	3.672	3.940		7.3	20
1,1,2,2-Tetrachloroethane	0.871	0.955	0.3	9.64	20
1,3-Dichlorobenzene	1.648	1.823		10.62	20
1,4-Dichlorobenzene	1.689	1.798		6.45	20
1,2-Dichlorobenzene	1.513	1.662		9.85	20
1,2-Dibromo-3-Chloropropane	0.150	0.154		2.67	20
1,2,4-Trichlorobenzene	0.963	1.008		4.67	20
1,2,3-Trichlorobenzene	0.874	0.913		4.46	20
1,2-Dichloroethane-d4	0.645	0.700		8.53	20
Dibromofluoromethane	0.299	0.314		5.02	20
Toluene-d8	1.148	1.220		6.27	20
4-Bromofluorobenzene	0.434	0.459		5.76	20

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