284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG No.: Q3178
Instrument ID: MSVOA_W
Calibration Date/Time: 09/24/2025 12:59
Lab File ID: VW032241.D
Init. Calib. Date(s): 08/26/2025 08/26/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:39 12:34
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.330	0.317		-3.94	20
Chloromethane	0.346	0.321	0.1	-7.22	20
Vinyl Chloride	0.450	0.448		-0.44	20
Bromomethane	0.401	0.401		0	20
Chloroethane	0.317	0.327		3.15	20
Trichlorofluoromethane	0.445	0.400		-10.11	20
1,1,2-Trichlorotrifluoroethane	0.502	0.534		6.38	20
1,1-Dichloroethene	0.528	0.575		8.9	20
Acetone	0.155	0.149		-3.87	20
Carbon Disulfide	1.322	1.229		-7.03	20
Methyl tert-butyl Ether	0.998	1.103		10.52	20
Methyl Acetate	0.493	0.721		46.25	20
Methylene Chloride	0.725	0.676		-6.76	20
trans-1,2-Dichloroethene	0.590	0.634		7.46	20
1,1-Dichloroethane	1.070	1.179	0.1	10.19	20
Cyclohexane	0.878	0.812		-7.52	20
2-Butanone	0.219	0.242		10.5	20
Carbon Tetrachloride	0.488	0.497		1.84	20
cis-1,2-Dichloroethene	0.718	0.782		8.91	20
Bromochloromethane	0.490	0.567		15.71	20
Chloroform	1.221	1.367		11.96	20
1,1,1-Trichloroethane	0.891	0.977		9.65	20
Methylcyclohexane	0.539	0.522		-3.15	20
Benzene	1.406	1.494		6.26	20
1,2-Dichloroethane	0.487	0.528		8.42	20
Trichloroethene	0.354	0.364		2.83	20
1,2-Dichloropropane	0.339	0.375		10.62	20
Bromodichloromethane	0.540	0.599		10.93	20
4-Methyl-2-Pentanone	0.289	0.331		14.53	20
Toluene	0.919	0.971		5.66	20
t-1,3-Dichloropropene	0.477	0.502		5.24	20
cis-1,3-Dichloropropene	0.544	0.581		6.8	20
1,1,2-Trichloroethane	0.309	0.349		12.94	20
2-Hexanone	0.201	0.231		14.93	20
Dibromochloromethane	0.374	0.426		13.9	20
1,2-Dibromoethane	0.304	0.331		8.88	20
Tetrachloroethene	0.329	0.361		9.73	20
Chlorobenzene	1.138	1.237	0.3	8.7	20

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: MSVOA_W Calibration Date/Time: 09/24/2025 12:59

Lab File ID: VW032241.D Init. Calib. Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:39 12:34

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	2.028		8.74	20
m/p-Xylenes	0.718	0.782		8.91	20
o-Xylene	0.679	0.737		8.54	20
Styrene	1.197	1.384		15.62	20
Bromoform	0.223	0.245	0.1	9.86	20
Isopropylbenzene	3.397	3.394		-0.09	20
1,1,2,2-Tetrachloroethane	0.807	0.843	0.3	4.46	20
1,3-Dichlorobenzene	1.744	1.745		0.06	20
1,4-Dichlorobenzene	1.748	1.762		0.8	20
1,2-Dichlorobenzene	1.544	1.628		5.44	20
1,2-Dibromo-3-Chloropropane	0.143	0.148		3.5	20
1,2,4-Trichlorobenzene	0.987	0.981		-0.61	20
1,2,3-Trichlorobenzene	0.918	0.945		2.94	20
1,2-Dichloroethane-d4	0.715	0.796		11.33	20
Dibromofluoromethane	0.351	0.386		9.97	20
Toluene-d8	1.231	1.317		6.99	20
4-Bromofluorobenzene	0.455	0.493		8.35	20

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