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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3193
Instrument ID: MSVOA_X
Calibration Date/Time: 10/01/2025 18:59
Lab File ID: VX047951.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.539		4.05	50
Chloromethane	0.680	0.649	0.1	-4.56	50
Vinyl Chloride	0.666	0.684		2.7	50
Bromomethane	0.422	0.457		8.29	50
Chloroethane	0.445	0.445		0	50
Trichlorofluoromethane	0.989	1.030		4.15	50
1,1,2-Trichlorotrifluoroethane	0.578	0.593		2.6	50
1,1-Dichloroethene	0.594	0.609		2.53	50
Acetone	0.346	0.303		-12.43	50
Carbon Disulfide	1.626	1.536		-5.53	50
Methyl tert-butyl Ether	2.169	2.345		8.11	50
Methyl Acetate	0.770	0.941		22.21	50
Methylene Chloride	0.732	0.777		6.15	50
trans-1,2-Dichloroethene	0.640	0.652		1.88	50
1,1-Dichloroethane	1.263	1.347	0.1	6.65	50
Cyclohexane	1.052	1.005		-4.47	50
2-Butanone	0.432	0.460		6.48	50
Carbon Tetrachloride	0.532	0.534		0.38	50
cis-1,2-Dichloroethene	0.783	0.826		5.49	50
Bromochloromethane	0.551	0.608		10.35	50
Chloroform	1.276	1.393		9.17	50
1,1,1-Trichloroethane	1.082	1.152		6.47	50
Methylcyclohexane	0.556	0.518		-6.84	50
Benzene	1.488	1.544		3.76	50
1,2-Dichloroethane	0.566	0.593		4.77	50
Trichloroethene	0.360	0.368		2.22	50
1,2-Dichloropropane	0.381	0.409		7.35	50
Bromodichloromethane	0.572	0.626		9.44	50
4-Methyl-2-Pentanone	0.477	0.553		15.93	50
Toluene	0.917	0.958		4.47	50
t-1,3-Dichloropropene	0.584	0.607		3.94	50
cis-1,3-Dichloropropene	0.624	0.641		2.72	50
1,1,2-Trichloroethane	0.354	0.398		12.43	50
2-Hexanone	0.343	0.384		11.95	50
Dibromochloromethane	0.407	0.460		13.02	50
1,2-Dibromoethane	0.360	0.408		13.33	50
Tetrachloroethene	0.326	0.326		0	50
Chlorobenzene	1.136	1.164	0.3	2.46	50

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	1.960	1.982		1.12	50
m/p-Xylenes	0.729	0.748		2.61	50
o-Xylene	0.706	0.731		3.54	50
Styrene	1.236	1.298		5.02	50
Bromoform	0.293	0.324	0.1	10.58	50
Isopropylbenzene	3.801	3.731		-1.84	50
1,1,2,2-Tetrachloroethane	1.150	1.235	0.3	7.39	50
1,3-Dichlorobenzene	1.739	1.727		-0.69	50
1,4-Dichlorobenzene	1.785	1.756		-1.63	50
1,2-Dichlorobenzene	1.657	1.674		1.03	50
1,2-Dibromo-3-Chloropropane	0.233	0.249		6.87	50
1,2,4-Trichlorobenzene	1.077	1.042		-3.25	50
1,2,3-Trichlorobenzene	1.002	1.014		1.2	50
1,2-Dichloroethane-d4	0.796	0.811		1.88	50
Dibromofluoromethane	0.335	0.345		2.98	50
Toluene-d8	1.160	1.175		1.29	50
4-Bromofluorobenzene	0.440	0.454		3.18	50

All other compounds must meet a minimum RRF of 0.010.
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