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: 10/03/2025 19:43
Lab File ID: VX048007.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	0.527		1.74	50
Chloromethane	0.680	0.643	0.1	-5.44	50
Vinyl Chloride	0.666	0.673		1.05	50
Bromomethane	0.422	0.432		2.37	50
Chloroethane	0.445	0.448		0.67	50
Trichlorofluoromethane	0.989	1.033		4.45	50
1,1,2-Trichlorotrifluoroethane	0.578	0.612		5.88	50
1,1-Dichloroethene	0.594	0.604		1.68	50
Acetone	0.346	0.311		-10.12	50
Carbon Disulfide	1.626	1.465		-9.9	50
Methyl tert-butyl Ether	2.169	2.388		10.1	50
Methyl Acetate	0.770	0.970		25.97	50
Methylene Chloride	0.732	0.762		4.1	50
trans-1,2-Dichloroethene	0.640	0.657		2.66	50
1,1-Dichloroethane	1.263	1.360	0.1	7.6	50
Cyclohexane	1.052	0.988		-6.08	50
2-Butanone	0.432	0.478		10.65	50
Carbon Tetrachloride	0.532	0.561		5.45	50
cis-1,2-Dichloroethene	0.783	0.839		7.15	50
Bromochloromethane	0.551	0.602		9.26	50
Chloroform	1.276	1.435		12.46	50
1,1,1-Trichloroethane	1.082	1.180		9.06	50
Methylcyclohexane	0.556	0.531		-4.5	50
Benzene	1.488	1.592		6.99	50
1,2-Dichloroethane	0.566	0.610		7.77	50
Trichloroethene	0.360	0.385		6.94	50
1,2-Dichloropropane	0.381	0.433		13.65	50
Bromodichloromethane	0.572	0.649		13.46	50
4-Methyl-2-Pentanone	0.477	0.583		22.22	50
Toluene	0.917	0.986		7.53	50
t-1,3-Dichloropropene	0.584	0.639		9.42	50
cis-1,3-Dichloropropene	0.624	0.675		8.17	50
1,1,2-Trichloroethane	0.354	0.416		17.51	50
2-Hexanone	0.343	0.404		17.78	50
Dibromochloromethane	0.407	0.482		18.43	50
1,2-Dibromoethane	0.360	0.426		18.33	50
Tetrachloroethene	0.326	0.336		3.07	50
Chlorobenzene	1.136	1.229	0.3	8.19	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	2.091		6.68	50
m/p-Xylenes	0.729	0.784		7.55	50
o-Xylene	0.706	0.762		7.93	50
Styrene	1.236	1.348		9.06	50
Bromoform	0.293	0.345	0.1	17.75	50
Isopropylbenzene	3.801	3.923		3.21	50
1,1,2,2-Tetrachloroethane	1.150	1.329	0.3	15.56	50
1,3-Dichlorobenzene	1.739	1.809		4.03	50
1,4-Dichlorobenzene	1.785	1.820		1.96	50
1,2-Dichlorobenzene	1.657	1.770		6.82	50
1,2-Dibromo-3-Chloropropane	0.233	0.257		10.3	50
1,2,4-Trichlorobenzene	1.077	1.098		1.95	50
1,2,3-Trichlorobenzene	1.002	1.073		7.09	50
1,2-Dichloroethane-d4	0.796	0.830		4.27	50
Dibromofluoromethane	0.335	0.360		7.46	50
Toluene-d8	1.160	1.242		7.07	50
4-Bromofluorobenzene	0.440	0.481		9.32	50

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