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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG No.: Q3311
Instrument ID: MSVOA_X
Calibration Date/Time: 10/09/2025 09:06
Lab File ID: VX048072.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	0.514		-0.96	20
Chloromethane	0.680	0.581	0.1	-14.56	20
Vinyl Chloride	0.666	0.624		-6.31	20
Bromomethane	0.422	0.425		0.71	20
Chloroethane	0.445	0.436		-2.02	20
Trichlorofluoromethane	0.989	1.043		5.46	20
1,1,2-Trichlorotrifluoroethane	0.578	0.620		7.27	20
1,1-Dichloroethene	0.594	0.583		-1.85	20
Acetone	0.346	0.337		-2.6	20
Carbon Disulfide	1.626	1.314		-19.19	20
Methyl tert-butyl Ether	2.169	2.233		2.95	20
Methyl Acetate	0.770	0.843		9.48	20
Methylene Chloride	0.732	0.743		1.5	20
trans-1,2-Dichloroethene	0.640	0.630		-1.56	20
1,1-Dichloroethane	1.263	1.343	0.1	6.33	20
Cyclohexane	1.052	0.865		-17.78	20
2-Butanone	0.432	0.413		-4.4	20
Carbon Tetrachloride	0.532	0.541		1.69	20
cis-1,2-Dichloroethene	0.783	0.811		3.58	20
Bromochloromethane	0.551	0.609		10.53	20
Chloroform	1.276	1.406		10.19	20
1,1,1-Trichloroethane	1.082	1.132		4.62	20
Methylcyclohexane	0.556	0.473		-14.93	20
Benzene	1.488	1.509		1.41	20
1,2-Dichloroethane	0.566	0.591		4.42	20
Trichloroethene	0.360	0.362		0.56	20
1,2-Dichloropropane	0.381	0.412		8.14	20
Bromodichloromethane	0.572	0.640		11.89	20
4-Methyl-2-Pentanone	0.477	0.471		-1.26	20
Toluene	0.917	0.926		0.98	20
t-1,3-Dichloropropene	0.584	0.610		4.45	20
cis-1,3-Dichloropropene	0.624	0.661		5.93	20
1,1,2-Trichloroethane	0.354	0.388		9.6	20
2-Hexanone	0.343	0.324		-5.54	20
Dibromochloromethane	0.407	0.470		15.48	20
1,2-Dibromoethane	0.360	0.384		6.67	20
Tetrachloroethene	0.326	0.303		-7.05	20
Chlorobenzene	1.136	1.155	0.3	1.67	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	1.960	1.942		-0.92	20
m/p-Xylenes	0.729	0.727		-0.27	20
o-Xylene	0.706	0.705		-0.14	20
Styrene	1.236	1.279		3.48	20
Bromoform	0.293	0.321	0.1	9.56	20
Isopropylbenzene	3.801	3.755		-1.21	20
1,1,2,2-Tetrachloroethane	1.150	1.184	0.3	2.96	20
1,3-Dichlorobenzene	1.739	1.723		-0.92	20
1,4-Dichlorobenzene	1.785	1.753		-1.79	20
1,2-Dichlorobenzene	1.657	1.664		0.42	20
1,2-Dibromo-3-Chloropropane	0.233	0.213		-8.58	20
1,2,4-Trichlorobenzene	1.077	1.010		-6.22	20
1,2,3-Trichlorobenzene	1.002	0.947		-5.49	20
1,2-Dichloroethane-d4	0.796	0.868		9.05	20
Dibromofluoromethane	0.335	0.395		17.91	20
Toluene-d8	1.160	1.266		9.14	20
4-Bromofluorobenzene	0.440	0.481		9.32	20

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